

Elegance Rigid 55

Fiche technique

| Classification | | Norme | |
|--|--|-------------------|--|
| Classe d'usage résidentielle | | EN ISO 10874 | 23 Intense |
| Classe d'usage commerciale | | EN ISO 10874 | 33 Intense |
| Caractéristiques | | Norme | |
| Épaisseur totale | | NF EN ISO 24346 | 5,50 mm |
| Épaisseur de la couche d'usure | | NF EN ISO 24340 | 0,55 mm |
| Masse surfacique totale | | NF EN ISO 23997 | 8800 g/m ² |
| Teneur en agent liant | | | Type I |
| Traitement de surface | | | Extra-Mat |
| Grainage au registre | | | Oui (sur une sélection de décors) |
| Chanfreins | | | 4 sides |
| Performances pour le Marquage CE | | Norme | |
| Réaction au feu | | NF EN ISO 24346 | Bfl-s1 |
| Glissance (coef.) | | NF EN 13893 | Classe DS ($\mu \geq 0,30$) |
| Résistance thermique | | NF EN ISO 10456 | 0,05 m ² •K/W |
| Performances Techniques | | Norme | |
| Stabilité dimensionnelle | | NF EN ISO 23999 | Valeur moyenne mesurée : $\leq 0.15 \%$ |
| Incurvation après exposition à la chaleur | | NF EN ISO 23999 | $\leq 1 $ mm |
| Poinçonnement rémanent | | NF EN ISO 24343-1 | LE010 |
| Efficacité acoustique au bruit de choc - ΔLw | | NF EN ISO 717-2 | 19 dB |
| Sonorité à la marche | | NF 531-074 | Classe C (≤ 85 dB) |
| Solidité des coloris à la lumière | | NF EN ISO 105-B02 | ≥ 6 |
| Résistance chimique | | NF EN ISO 26987 | Bonne résistance |
| Compatible avec chauffage au sol | | | Compatible (température maximale de surface 27° C) |
| Développement Durable, Environnement et Qualité de l'Air | | Norme | |
| Emissions COVT après 28 jours | | NF ISO 16000-9 | Platinum ($\leq 10 \mu\text{g}/\text{m}^3$) |
| Contenu recyclé | | | 20 % |
| Sans phtalate | | | 100% sans phtalate |
| Dimensions et décors | | | |
| Lame | Lames 1200 x 200,5 - 9 lames = 2,165 m ² /boîte - 44 boîtes/palette | | |
| Dalle | Dalles 640 x 320mm - 11 Dalles = 2,253 m ² /boîte - 40 boîtes/palette | | |
| Nombre de décors disponibles | 20 | | |



Les informations ci-dessus peuvent faire l'objet de modifications au profit d'une amélioration complémentaire (05/06/2023). Conformément au Règlement Européen N° 305/2011 pour le Marquage CE, les Déclarations de Performance sont disponibles sur notre site <https://www.tarkett.com>. Les recommandations de Tarkett concernant la mise en œuvre, le nettoyage et l'entretien doivent être respectées. Veuillez contacter Tarkett à l'adresse indiquée pour les recommandations.

Environmental Product Declaration



In accordance with ISO 14025 and EN 15804:2012+A2:2019 for:

Elegance Rigid and Essence Rigid 30/55

from **TARKETT**



| | |
|--------------------------|---|
| Programme: | The International EPD® System, www.environdec.com |
| Programme operator: | EPD International AB |
| EPD registration number: | S-P-05601 |
| Publication date: | 2023-05-24 |
| Valid until: | 2028-05-24 |

An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com



General information

Programme information

| | |
|-------------------|---|
| Programme: | The International EPD® System |
| Address: | EPD International AB Box 210 60 SE-100 31 Stockholm Sweden |
| Website: | www.environdec.com |
| E-mail: | info@environdec.com |

| |
|--|
| CEN standard EN 15804 serves as the Core Product Category Rules (PCR) |
| Product category rules (PCR): PCR 2019:14 version 1.11 and c-PCR-004 Resilient textile and laminate floor coverings (EN 16810) |
| PCR review was conducted by: <i>The Technical Committee of the International EPD® System lead by Claudia A Peña. A full list of members available on www.environdec.com. The review panel may be contacted via info@environdec.com.</i> |
| Independent third-party verification of the declaration and data, according to ISO 14025:2006: <input type="checkbox"/> EPD process certification <input checked="" type="checkbox"/> EPD verification |
| Third party verifier: Olivia Djiriguian from LCIE Bureau Veritas. |
| Procedure for follow-up of data during EPD validity involves third party verifier: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but from different programmes may not be comparable. EPDs of construction products may not be comparable if they do not comply with EN 15804. For further information about comparability, see EN 15804 and ISO 14025.

This EPD is a specific EPD.

Company information

Owner of the EPD: Tarkett

Contact: Marcelo Martins Meira, marcelo.martinsmeira@tarkett.com, Tarkett La Défense, 1 Terrasse Bellini 92400 Paris

Description of the organisation:

With an international coverage and a wide range of products, Tarkett has over 130 years of experience in providing integrated solutions for floorings to professionals and end users.

Many of the most important architectural firms in the world and building professionals have chosen Tarkett for the value of its products and for its consultation and service abilities. Therefore, Tarkett floorings and sport surfaces are present in several prestigious architectural reference points. Tarkett offers integrated solutions for floorings, able to meet the particular needs of customers. Our wide range of designs, colors and models provides an infinite series of possibilities, contributing to create a positive environment and a better quality of life for people.

Tarkett operates with the utmost respect for the environment towards the realization of eco-friendly products.

Tarkett's commitment to the environment is woven throughout its business. Cradle-to-Cradle principles are, in fact, the basis of the design and production of every solution. Particularly, the lifecycle analysis is used to continuously improve the production process, and so the products until their use stage, disposal and recycling. The commitment to the environment is also proven by the accession to the Circular Economy 100 program, where Tarkett group, with a network of companies, is working to develop a circular economy model based on the reuse of materials and preservation of natural resources. The development of products that can be reused within internal production cycles, or external ones in case of other individuals, has been an integral part of the business strategy aimed at sustainability for many years. The WCM (World Class Manufacturing) management system has been developed in 2009, and it includes the environmental pillar aimed to the elimination of losses and to the growth of process efficiency.

Product-related or management system-related certifications: ISO 9001, ISO 14001, ISO 50001, WCM manufacturing site.

Name and location of production site(s): Jaslo, Poland

Product information

Product name: Elegance Rigid 55, Essence Rigid 30, Essence Rigid 55.

Product identification: Heterogeneous poly (vinyl chloride) floor coverings (EN 10582).

Product description: Elegance and Essence Rigid 30/55 are a modular heterogeneous compact resilient floor covering developed by Tarkett. The service lifetime recommended by Tarkett is 25 years.

Geography: European technology and process coverage.

UN CPC code: APE/NAF - 2223Z

LCA information

Functional unit / declared unit: 1m² of floor covering with a reference service life (RSL) of 1 year for specified characteristics application and use areas according to ISO 10582 and EN ISO 10874.

Reference service life: 25 years

Time representativeness: 2022.

Database(s) and LCA software used: Ecoinvent3.8, Simapro 9.1

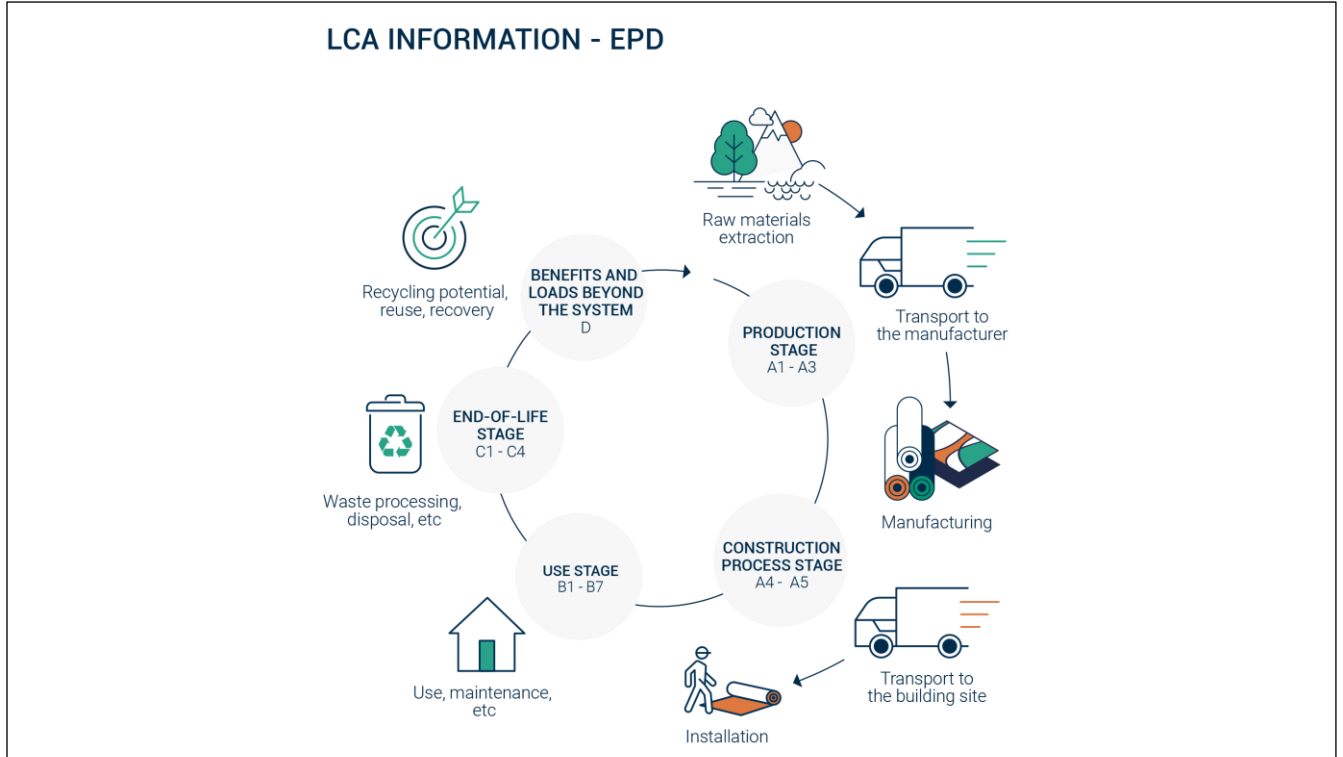
Description of system boundaries: Cradle to grave and module D (A + B + C + D)

Cut-off criteria : The cut-off criteria used for this study follow the guidelines set out in the PCR which conform to the EN 15804-A2, as following:

- All inputs and outputs to a (unit) process are included in the calculation where the data is available.
- A maximum of 1% of the total mass per unit process may be omitted.
- A maximum of 1% of the total renewable and non-renewable energy for a unit process may be omitted.
- A maximum of 5% of the total energy usage and mass per module may be omitted.

All input and output flows have been considered, including raw materials as per the product composition provided by the manufacturer and packaging of raw materials as well as the final product. Energy and water consumptions have also been considered at 100% according to the data provided.

System diagram:



More information: The product is classified in accordance with EN ISO 10874, EN 685 and in reference to the FCSS (Floor Covering Standard Symbols) to be installed in various areas of application, such as: healthcare, education, commercial, education. The area of use according to the ISO 10874 is heavy (23) for domestic use, heavy (33) for commercial classification and heavy (42) for industrial classification.

| Product | Domestic Classification | Commercial Classification | Industrial Classification |
|----------------------|--------------------------|----------------------------|---------------------------|
| Elegance Rigid 30/55 | 23 Heavy domestic use | 33 Heavy commercial use | 42* Heavy Industrial |
| Essence Rigid 30/55 | 23 Heavy domestic use | 33 Heavy commercial use | 42* Heavy Industrial |

* on demand (without acoustic integrated underlayer)

Modules declared, geographical scope, share of specific data (in GWP-GHG indicator) and data variation:

| | Product stage | | Construction process stage | | | Use stage | | | | | | | End of life stage | | | | Resource recovery stage | |
|----------------------|--|-----------|----------------------------|------------------------------|---------------------------|-----------|-------------|--------|-------------|---------------|------------------------|-----------------------|----------------------------|-----------|------------------|----------|------------------------------------|----------------------------|
| | Raw material supply | Transport | Manufacturing | Transport | Construction installation | Use | Maintenance | Repair | Replacement | Refurbishment | Operational energy use | Operational water use | De-construction demolition | Transport | Waste processing | Disposal | Reuse-Recovery-Recycling-potential | |
| Module | A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D | |
| Modules declared | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Geography | European technology and process coverage | | | | | | | | | | | | | | | | European | |
| Specific data used | - | 100% | 100% | 100% | 100% | - | - | - | - | - | - | - | - | - | - | - | 100% For recycling process | 100% For recycling process |
| Variation – products | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Variation – sites | - | - | - | European average for Tarkett | | - | - | - | - | - | - | - | - | - | - | - | - | - |

Content information

The components for Elegance Rigid and Essence Rigid 30/55 are detailed here:

| Elegance Rigid and Essence Rigid 30/55 | | | |
|--|---------------------------|----------------------------------|------------------------------|
| Product components | Weight, kg/m ² | Post-consumer material, weight-% | Renewable material, weight-% |
| PVC Suspension | 2.59E+00 | 0% | 0% |
| Plasticizers | 1.60E-01 | 0% | 0% |
| Epoxidised soya bean oil | 3.00E-02 | 0% | 83% |
| Mineral fillers | 5.72E+00 | 0% | 0% |
| Stabilizer CaZn | 2.20E-01 | 0% | 0% |
| Titanium dioxide | 1.00E-02 | 0% | 0% |
| Pigments | 6.00E-02 | 0% | 0% |
| Surface Treatment | 2.00E-02 | 0% | 0% |
| Impact modifiers | 1.00E-02 | 0% | 0% |
| Additives | 3.00E-02 | 0% | 0% |
| Foam | 5.90E-02 | 0% | 0% |
| TOTAL | 8.8E+00 | 0% | 0.26% |
| Packaging materials | Weight, kg/m ² | Weight-% (versus the product) | |
| Product Packaging Cardboard | 3.00E-02 | 0.3% | |
| TOTAL | 3.00E-02 | 0.3% | |

Product manufacturing

Production process

The production of the heterogenous resilient flooring is divided into the following stages:

Extrusion: continuous mixing and heating process where raw materials are fused and, optionally, shaped through a die, suitable for making shapes such as rods (welding rods), granules or thick sheets (Rigid LVT core layer).

Calendering: continuous shaping process of thermoplastic material which allows the making of thin sheets or films (thickness < 1 mm). The calender is fed through an extruder.

Pressing: semi-continuous process which allows the lamination of several layers priorly produced by extrusion and/or calendaring.

Profiling: semi-continuous process where a connection system is machined on the material edges.

Pad attaching: semi-continuous process where an acoustic backing is bonded on the back side of the product.

Packaging: semi-continuous process where the finished product is either wrapped around a cardboard core, packed in plastic film and protected with plastic side plates on the edges (rolls) OR stacked head-to-toe and packed into cardboard boxes (planks or tiles).

Production waste

| Waste type | Amount | Unit |
|---|----------|-------------------|
| Non-hazardous waste to external treatment | 1.00E-01 | kg/m ² |
| Non-hazardous waste-water to external treatment | 2.00E-02 | kg/m ² |

NB: Post manufacturing recycling concerns the recycling of the losses inside the plant production. Therefore, there is no end-of-life impact on losses (except the recycling preparation). Post-manufacturing recycled content is 20 - 30%.

Health, safety and environmental aspects during production

Elegance Rigid and Essence Rigid 30/55 production site complies with the ISO 14001 Environmental Management System and the ISO 9001 Quality Management System.

Delivery and installation

Delivery

The average distribution distance between the factory and the installation site is 2160 km. It has been calculated considering the average distance between European countries where Tarkett is selling the Elegance Rigid and Elegance Rigid 30/55 products and the factory plant in Jaslo (Poland). The distribution is made by truck.

Installation

The slabs of Elegance Rigid and Essence Rigid 30/55 are clickable and therefore require no auxiliaries for installation.

Waste

During the installation approximately 3% of the flooring is lost as off-cuts. All flooring losses are sent to recycling.

Packaging

50 % of the packaging materials goes to incineration and 50 % goes to landfill.

Use Stage

Reference Service Life (RSL)

For this product, the stated RSL is 1 year. It should be noted, however, that the service life of a Heterogenous polyvinylchloride floor covering may vary depending on the amount and nature of floor traffic and the type and frequency of maintenance. The manufacturer has provided this service life on the basis of his experience of flooring manufacture and supply. This RSL is applicable as long as the product use complies with that defined by ISO 14041 and ISO10874 in accordance with the product's classification. **The service lifetime recommended by Tarkett is 25 years.**

Cleaning and maintenance

Cleaning regime is based on traditional cleaning protocol integrating manual and mechanical operations. Depending on premises considered, these consumptions may vary. The considered regime fits light commercial areas. The maintenance scenario is :

- **Common maintenance : 4 times a week**
- **Periodic maintenance : once a week**

| Description | Amount | Unit |
|-------------------------|----------|-------------------------|
| Electricity consumption | 2.89E-01 | kWh/year/m ² |
| Water consumption | 7.06E+00 | L/year/m ² |
| Detergent consumption | 6.88E-02 | L/year/m ² |

Prevention of structural damage

To avoid excessive wear, usage should be restricted to the stated areas of application as outlined by the norm ISO 10874.

End of Life

3 distinct End-of-Life scenarios have been modeled for Elegance and Essence Rigid 30/55. Tarkett recommend using the ReStart program at End-of-Use to recycle the product. However, to showcase the value of Tarkett's recycling activities, environmental impacts of two alternative scenarios have been calculated.

1/ Recycling.

100% of the Elegance and Essence Rigid 30/55 can be recycled at its end of use stage, thanks to the ReStart® program, enabling Tarkett to collect installation losses and post-use flooring from construction sites to recycle it and/or re-use it as high quality raw material back in Tarkett plants. Thus, Elegance and Essence Rigid 30/55 are recycled back at the Jaslo plant, and the transport between construction site and recycling facility is 1354 km by truck. Environmental impacts of recycling are presented in module **C/1**.

2/ Incineration with energy recovery

Incineration with energy recovery is a rising waste management method in many of the countries in which Elegance and Essence Rigid 30/55 are sold. While Tarkett wishes to recycle 100% of sold Elegance Rigid 30/55. Incineration with energy recovery is an alternative option if recycling is impossible. Environmental impacts of incineration with energy recovery are presented in module **C/2**.

3/ Landfilling

Landfilling waste is still a prominent waste management scenario. This option is however not recommended by Tarkett. Environmental impacts of landfilling are presented in module **C/3**.

Benefits and loads beyond system boundary

1/ Recycling.

The benefit is due to the recycling post-use flooring that allows avoiding the emissions of virgin materials. Elegance and Essence Rigid 30/55 can be 100% recycled at post-installation and post-consumer stage. Benefits from avoided raw material production and avoided transport are calculated in module **D/1**.

2/ Incineration with energy recovery

Benefits from installation offcuts recycling and incineration energy recovery are calculated in **D/2**.

3/ Landfilling

Benefits accounted in this scenario exclusively come from installation offcuts recycling and are presented in **D/3**

Results

Environmental Information

Potential environmental impact in case of recycling at End-of-use

| Results per functional unit in case of recycling – Elegance and Essence Rigid 30/55 | | | | | | | | | | | | | | | | |
|---|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Indicator | Unit | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| GWP-total | kg CO ₂ eq. | 9,63E+00 | 3,15E+00 | 5,51E-01 | 0,00E+00 | 2,54E-01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,73E+00 | 0,00E+00 | 7,00E-02 | -7,29E+00 |
| GWP-fossil | kg CO ₂ eq. | 9,50E+00 | 3,15E+00 | 4,91E-01 | 0,00E+00 | 2,47E-01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,73E+00 | 0,00E+00 | 0,00E+00 | -7,13E+00 |
| GWP- biogenic | kg CO ₂ eq. | -3,19E-02 | 1,27E-03 | 5,53E-02 | 0,00E+00 | 1,42E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 6,91E-04 | 0,00E+00 | 7,00E-02 | -1,63E-02 |
| GWP- Luluc | kg CO ₂ eq. | 1,57E-01 | 1,24E-03 | 4,81E-03 | 0,00E+00 | 5,73E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 6,79E-04 | 0,00E+00 | 0,00E+00 | -1,44E-01 |
| ODP | kg CFC 11 eq. | 3,50E-06 | 7,31E-07 | 1,50E-07 | 0,00E+00 | 1,58E-08 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 4,00E-07 | 0,00E+00 | 0,00E+00 | -3,06E-06 |
| AP | mol H ⁺ eq. | 4,31E-02 | 1,27E-02 | 2,14E-03 | 0,00E+00 | 1,44E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 7,02E-03 | 0,00E+00 | 0,00E+00 | -3,32E-02 |
| EP-freshwater | kg P eq | 2,93E-03 | 2,04E-04 | 1,14E-04 | 0,00E+00 | 2,00E-04 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,11E-04 | 0,00E+00 | 0,00E+00 | -2,37E-03 |
| EP-freshwater | kg PO4 eq | 8,99E-03 | 6,26E-04 | 3,49E-04 | 0,00E+00 | 6,15E-04 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 3,42E-04 | 0,00E+00 | 0,00E+00 | -7,26E-03 |
| EP-marine | kg N eq. | 8,89E-03 | 3,78E-03 | 5,62E-04 | 0,00E+00 | 4,06E-04 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,12E-03 | 0,00E+00 | 0,00E+00 | -6,80E-03 |
| EP-terrestrial | mol N eq. | 8,99E-02 | 4,13E-02 | 5,35E-03 | 0,00E+00 | 2,65E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,31E-02 | 0,00E+00 | 0,00E+00 | -6,40E-02 |
| POCP | kg NMVOC eq. | 2,98E-02 | 1,27E-02 | 1,72E-03 | 0,00E+00 | 6,66E-04 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 7,08E-03 | 0,00E+00 | 0,00E+00 | -2,31E-02 |
| ADP- minerals&metals* | kg Sb eq. | 2,10E-04 | 1,10E-05 | 6,99E-06 | 0,00E+00 | 1,37E-06 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 6,02E-06 | 0,00E+00 | 0,00E+00 | -1,90E-04 |
| ADP-fossil* | MJ | 2,07E+02 | 4,78E+01 | 9,39E+00 | 0,00E+00 | 5,26E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,62E+01 | 0,00E+00 | 0,00E+00 | -1,69E+02 |
| WDP | m ³ | 1,07E+01 | 1,39E-01 | 3,33E-01 | 0,00E+00 | 1,35E-01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 7,58E-02 | 0,00E+00 | 0,00E+00 | -9,62E+00 |
| Acronyms | GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP- minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption | | | | | | | | | | | | | | | |

Environmental Information

Resource use in case of recycling at End-of-use

Results per functional unit in case of recycling – Elegance and Essence Rigid 30/55

| Indicator | Unit | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
|-----------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| PERE | MJ | 3,95E+01 | 6,75E-01 | 1,27E+00 | 0,00E+00 | 1,08E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 3,69E-01 | 0,00E+00 | 0,00E+00 | -9,21E+00 |
| PERM | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 9,90E-02 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| PERT | MJ | 3,95E+01 | 6,75E-01 | 1,27E+00 | 0,00E+00 | 1,08E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 3,69E-01 | 0,00E+00 | 0,00E+00 | -9,21E+00 |
| PENRE | MJ | 2,06E+02 | 4,78E+01 | 9,37E+00 | 0,00E+00 | 5,19E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,62E+01 | 0,00E+00 | 0,00E+00 | -1,68E+02 |
| PENRM | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 5,56E-01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| PENRT | MJ | 2,06E+02 | 4,77E+01 | 9,37E+00 | 0,00E+00 | 5,18E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,62E+01 | 0,00E+00 | 0,00E+00 | -1,68E+02 |
| SM | kg | 1,76E+00 | 0,00E+00 | 5,28E-02 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | -1,39E+00 |
| RSF | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| NRSF | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| FW | m ³ | 1,29E-01 | 1,81E-03 | 4,23E-03 | 0,00E+00 | 5,38E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 9,90E-04 | 0,00E+00 | 0,00E+00 | -1,09E-01 |

Acronyms

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

Waste production and output flows in case of recycling at End-of-use

Waste production

| Results per functional unit in case of recycling – Elegance and Essence Rigid 30/55 | | | | | | | | | | | | | | | | |
|---|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Indicator | Unit | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| Hazardous waste disposed | kg | 3,60E-01 | 3,46E-02 | 1,39E-02 | 0,00E+00 | 7,60E-03 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,89E-02 | 0,00E+00 | 0,00E+00 | -2,72E-01 |
| Non-hazardous waste disposed | kg | 4,68E+00 | 2,74E+00 | 3,38E-01 | 0,00E+00 | 8,86E-02 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,50E+00 | 0,00E+00 | 0,00E+00 | -4,00E+00 |
| Radioactive waste disposed | kg | 4,51E-04 | 3,23E-04 | 3,52E-05 | 0,00E+00 | 3,04E-05 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,77E-04 | 0,00E+00 | 0,00E+00 | -3,88E-04 |

Output flows

| Results per functional unit in case of recycling – Elegance and Essence Rigid 30/55 | | | | | | | | | | | | | | | | |
|---|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Indicator | Unit | A1-A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| Components for re-use | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Material for recycling | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 7,92E+00 | 0,00E+00 |
| Materials for energy recovery | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Exported energy, electricity | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Exported energy, thermal | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |

Additional indicator

| | | | | | | | | | | | | | | | | |
|------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| GWP-fossil | kg CO ₂ eq. | 9,66E+00 | 3,15E+00 | 4,95E-01 | 0,00E+00 | 2,53E-01 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 1,73E+00 | 0,00E+00 | 0,00E+00 | -7,27E+00 |
|------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|

GWP-GHG is the sum of GWP-Fossil and GWP-LULUC indicators

Additional information – Potential impacts and flows in case of incineration

Results per functional or declared unit in case of incineration – Elegance and Essence Rigid 30/55

| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
|----------------------|--|----------|----------|----------|----------|-----------|
| GWP-total | kg CO ₂ eq. | 0,00E+00 | 1,46E-01 | 6,89E+00 | 2,02E-02 | -3,43E+00 |
| GWP-fossil | kg CO ₂ eq. | 0,00E+00 | 1,46E-01 | 6,81E+00 | 2,02E-02 | -3,41E+00 |
| GWP- biogenic | kg CO ₂ eq. | 0,00E+00 | 5,84E-05 | 8,44E-02 | 1,36E-05 | -7,80E-03 |
| GWP- Luluc | kg CO ₂ eq. | 0,00E+00 | 5,74E-05 | 9,02E-04 | 5,64E-06 | -6,55E-03 |
| ODP | kg CFC 11 eq. | 0,00E+00 | 3,38E-08 | 6,06E-07 | 8,33E-09 | -4,97E-07 |
| AP | mol H ⁺ eq. | 0,00E+00 | 5,94E-04 | 1,40E-02 | 1,92E-04 | -1,34E-02 |
| EP-freshwater | kg P eq. | 0,00E+00 | 9,42E-06 | 8,40E-04 | 2,08E-06 | -1,15E-03 |
| EP-freshwater | kg PO ₄ ³⁻ eq. | 0,00E+00 | 2,89E-05 | 2,58E-03 | 6,38E-06 | -3,53E-03 |
| EP-marine | kg N eq. | 0,00E+00 | 1,79E-04 | 4,05E-03 | 6,64E-05 | -2,12E-03 |
| EP-terrestrial | mol N eq. | 0,00E+00 | 1,95E-03 | 3,74E-02 | 7,28E-04 | -2,13E-02 |
| POCP | kg NMVOC eq. | 0,00E+00 | 5,98E-04 | 1,04E-02 | 2,11E-04 | -6,42E-03 |
| ADP-minerals&metals* | kg Sb eq. | 0,00E+00 | 5,09E-07 | 7,13E-05 | 1,85E-07 | -9,01E-06 |
| ADP-fossil* | MJ | 0,00E+00 | 2,21E+00 | 2,90E+01 | 5,65E-01 | -5,82E+01 |
| WDP | m ³ | 0,00E+00 | 6,41E-03 | 2,70E+01 | 2,53E-02 | -5,17E-01 |
| Acronyms | GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water | | | | | |

Results per functional or declared unit in case of incineration – Elegance and Essence Rigid 30/55

| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
|-----------|---|----------|----------|----------|----------|-----------|
| PERE | MJ | 0,00E+00 | 3,12E-02 | 2,63E+00 | 4,57E-03 | -4,21E+00 |
| PERM | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| PERT | MJ | 0,00E+00 | 3,12E-02 | 2,63E+00 | 4,57E-03 | -4,21E+00 |
| PENRE | MJ | 0,00E+00 | 2,21E+00 | 2,89E+01 | 5,65E-01 | -5,78E+01 |
| PENRM | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| PENRT | MJ | 0,00E+00 | 2,21E+00 | 2,89E+01 | 5,65E-01 | -5,78E+01 |
| SM | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,38E-01 |
| RSF | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| NRSF | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| FW | m ³ | 0,00E+00 | 8,36E-05 | 8,10E-01 | 5,98E-04 | -2,02E-02 |
| Acronyms | PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water | | | | | |

Results per functional or declared unit in case of incineration – Elegance and Essence Rigid 30/55

| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
|------------------------------|------|----------|----------|----------|----------|-----------|
| Hazardous waste disposed | kg | 0,00E+00 | 1,60E-03 | 5,04E+00 | 3,33E-04 | -4,15E-02 |
| Non-hazardous waste disposed | kg | 0,00E+00 | 1,26E-01 | 1,15E+00 | 3,84E+00 | -7,15E-01 |
| Radioactive waste disposed | kg | 0,00E+00 | 1,50E-05 | 1,41E-04 | 3,71E-06 | -2,26E-04 |

Results per functional or declared unit in case of incineration – Elegance and Essence Rigid 30/55

| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
|-------------------------------|------|----------|----------|----------|----------|----------|
| Components for re-use | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Material for recycling | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Materials for energy recovery | kg | 0,00E+00 | 0,00E+00 | 3,08E+00 | 0,00E+00 | 0,00E+00 |
| Exported energy, electricity | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Exported energy, thermal | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |

Results per functional or declared unit in case of incineration – Elegance and Essence Rigid 30/55

| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
|----------------------|------------------------|----------|----------|----------|----------|-----------|
| GWP-GHG ¹ | kg CO ₂ eq. | 0,00E+00 | 1,46E-01 | 6,81E+00 | 2,02E-02 | -3,42E+00 |

Additional information – Potential impacts and flows in case of landfilling

| Results per functional or declared unit in case of landfilling – Elegance and Essence Rigid 30/55 | | | | | | |
|---|---|----------|----------|----------|----------|-----------|
| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| GWP-total | kg CO ₂ eq. | 0,00E+00 | 1,90E-01 | 0,00E+00 | 7,88E-01 | -2,12E-01 |
| GWP-fossil | kg CO ₂ eq. | 0,00E+00 | 1,90E-01 | 0,00E+00 | 7,19E-01 | -2,07E-01 |
| GWP- biogenic | kg CO ₂ eq. | 0,00E+00 | 7,60E-05 | 0,00E+00 | 7,01E-02 | -5,24E-04 |
| GWP- Luluc | kg CO ₂ eq. | 0,00E+00 | 7,47E-05 | 0,00E+00 | 1,85E-05 | -4,20E-03 |
| ODP | kg CFC 11 eq. | 0,00E+00 | 4,40E-08 | 0,00E+00 | 2,73E-08 | -8,91E-08 |
| AP | mol H ⁺ eq. | 0,00E+00 | 7,72E-04 | 0,00E+00 | 6,53E-04 | -9,67E-04 |
| EP-freshwater | kg P eq | 0,00E+00 | 1,22E-05 | 0,00E+00 | 5,91E-06 | -6,89E-05 |
| EP-freshwater | kg PO ₄ ³⁻ eq | 0,00E+00 | 3,76E-05 | 0,00E+00 | 1,81E-05 | -2,11E-04 |
| EP-marine | kg N eq. | 0,00E+00 | 2,32E-04 | 0,00E+00 | 3,45E-03 | -1,98E-04 |
| EP-terrestrial | mol N eq. | 0,00E+00 | 2,54E-03 | 0,00E+00 | 2,63E-03 | -1,86E-03 |
| POCP | kg NMVOC eq. | 0,00E+00 | 7,78E-04 | 0,00E+00 | 9,05E-04 | -6,73E-04 |
| ADP-minerals&metals* | kg Sb eq. | 0,00E+00 | 6,62E-07 | 0,00E+00 | 2,48E-07 | -5,52E-06 |
| ADP-fossil* | MJ | 0,00E+00 | 2,88E+00 | 0,00E+00 | 1,97E+00 | -4,91E+00 |
| WDP | m ³ | 0,00E+00 | 8,33E-03 | 0,00E+00 | 9,20E-03 | -2,80E-01 |
| Acronyms | GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources | | | | | |
| Results per functional or declared unit in case of landfilling – Elegance and Essence Rigid 30/55 | | | | | | |
| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| PERE | MJ | 0,00E+00 | 4,05E-02 | 0,00E+00 | 8,56E-02 | -2,68E-01 |
| PERM | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| PERT | MJ | 0,00E+00 | 4,05E-02 | 0,00E+00 | 8,56E-02 | -2,68E-01 |
| PENRE | MJ | 0,00E+00 | 2,87E+00 | 0,00E+00 | 1,97E+00 | -4,90E+00 |
| PENRM | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| PENRT | MJ | 0,00E+00 | 2,87E+00 | 0,00E+00 | 1,97E+00 | -4,90E+00 |
| SM | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 2,86E-01 |
| RSF | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| NRSF | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| FW | m ³ | 0,00E+00 | 1,09E-04 | 0,00E+00 | 2,38E-03 | -3,16E-03 |
| Acronyms | PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary | | | | | |
| Results per functional or declared unit in case of landfilling – Elegance and Essence Rigid 30/55 | | | | | | |
| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| Hazardous waste disposed | kg | 0,00E+00 | 2,08E-03 | 0,00E+00 | 2,27E-03 | -7,92E-03 |
| Non-hazardous waste disposed | kg | 0,00E+00 | 1,64E-01 | 0,00E+00 | 8,82E+00 | -1,16E-01 |
| Radioactive waste disposed | kg | 0,00E+00 | 1,94E-05 | 0,00E+00 | 1,27E-05 | -1,13E-05 |
| Results per functional or declared unit in case of landfilling – Elegance and Essence Rigid 30/55 | | | | | | |
| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| Components for re-use | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Material for recycling | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Materials for energy recovery | kg | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Exported energy, electricity | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Exported energy, thermal | MJ | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 | 0,00E+00 |
| Results per functional or declared unit in case of landfilling – Elegance and Essence Rigid 30/55 | | | | | | |
| Indicator | Unit | C1/1 | C2/1 | C3/1 | C4/1 | D/1 |
| GWP-GHG ¹ | kg CO ₂ eq. | 0,00E+00 | 1,90E-01 | 0,00E+00 | 7,19E-01 | -2,12E-01 |

Information on biogenic carbon content for all groups

| Results per functional or declared unit | | |
|---|------|----------|
| BIOGENIC CARBON CONTENT | Unit | QUANTITY |
| Biogenic carbon content in product | kg C | 0.021 |
| Biogenic carbon content in packaging | kg C | <0.012 |

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO₂.

References

General Programme Instructions of the International EPD® System. Version 3.01.

PCR 2019:14. Version 1.11 and c-PCR-004 Resilient textile and laminate floor coverings (EN 16810)

REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH PN-EN 13501-1:2019-02

Contract №: 06079/23/R24NZP

| | |
|-----------------------------------|---|
| Sponsor: | TARKETT POLSKA Sp. z o.o. 62-322 Orzechowo ul. Miłosławska 13 A Oddział w Jaśle ul. Mickiewicza 108 38-200 Jasło |
| Prepared by: | Zakład Badań Ogniwych Instytutu Techniki Budowlanej ul. Filtrowa 1 00-611 Warszawa |
| Product name: | PVC floor panels with name Elegance Rigid 55 |
| Classification report No.: | 06079.3/23/R24NZP-ENG (English version of classification 06079.3/23/R24NZP) |
| Issue number: | 1 |
| Date of issue: | 31.03.2023 |

This classification report consists of three pages and may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification assigned to PVC floor panels with name Elegance Rigid 55 in accordance with the procedures given in PN-EN 13501-1:2019-02.

2. Details of classified product

2.1 General

The product is defined as PVC floor panels used in public buildings, residential buildings and light industry buildings.

2.2 Product description

The product, is described below.

| |
|--|
| PVC floor panels with name Elegance Rigid 55. Total panel thickness: 5,0 mm. Wear layer thickness: 0,30 mm. Surface weight of the panels: 8350 g/m ² . |
|--|

3. Test reports and test results as a basis of the classification

3.1 Test reports

| Name of laboratory | Name of sponsor | Test report № | Test method |
|-----------------------------------|------------------------------|-----------------------|---------------------------|
| Fire Testing Laboratory of ITB | TARKETT POLSKA Sp. z o.o. | LZP02-06079/22/R23NZP | PN-EN ISO 11925-2:2020-09 |
| | | LZP01-06079/22/R23NZP | PN-EN ISO 9239-1:2010 |

3.2 Test results

| Test method | Parameter | Number of tests | Results | |
|--|---|-----------------|---------------------------------|----------------------------|
| | | | Continuous parameter – mean (m) | Compliance with parameters |
| PN-EN ISO 11925-2:2020-09 Exposure 15 s | $F_s \leq 150$ mm | 6 | (-) | Y |
| PN-EN ISO 9239-1:2010 | Critical heat flux (kW/m ²) | 3 | 10,6 | (-) |
| | Smoke production (%·min) | | 107,7 | (-) |
| (-): do not concern Y: Yes N: No | | | | |

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with PN-EN 13501-1:2019-02.

4.2 Classification

PVC floor panels with name Elegance Rigid 55 are classified:

B_{fl}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

| Fire behaviour | | Smoke production | |
|-----------------------|---|------------------|----------|
| B_{fl} | - | s | 1 |

i.e.: **B_{fl}-s1**

Reaction to fire classification: B_{fl}-s1

4.3 Field of application

This classification is valid for the following product parameters:

- Product described in point 2 this classification report
- Product can be used with on wooden and wood-based substrates and substrates with euroclass A1 and A2.

5 Limitation

The classification given above remains valid as long as:

- test method remains unchanged,
- product standard or technical approval remains unchanged,
- constructional or material modifications do not exceed limits of the field of application defined in 4.3.

This classification report has been issued in electronic form, with qualified electronic signatures of persons responsible. A printout of this report is not an original document.

“The classification assigned to the product in this report is appropriate to a declaration of performance (till 1st July of 2013 – declaration of conformity) by the manufacturer within the context of system 3 of assessment and verification of constancy of performance (till 1st July 2013 – system of conformity) and CE marking according to harmonized technical specification of the product and with Regulation (EU) no. 305/2011 of The European

Parliament and of The Council of 9 March 2011 laying down harmonized conditions for the marketing construction products and repealing Council Directive 89/106/EEC.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system of assessment and verification of constancy of performance 3 is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”

This classification document does not represent type approval or certification of the product.

SIGNED

Mariusz Żońnik; Elektronicznie
Instytut podpisany przez
Techniki Mariusz Żońnik; Instytut
Budowlanej Techniki Budowlanej
Data: 2023.03.31
06:49:39 +02'00'

Mariusz Żońnik

APPROVED


HEAD
of Fire Testing Department
Bartłomiej Papis, PhD Eng.

Bartłomiej Papis; ITB
2023.04.01 00:07:39+02'00'

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Elegance Rigid 55

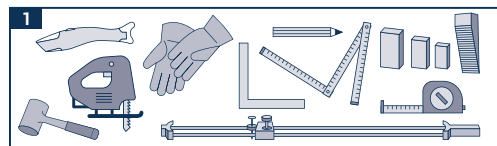
LAMES ET DALLES VINYLES RIGIDES DÉCORATIVES

2023

Guide de pose

A OUTILS REQUIS POUR LA POSE DE L'ELEGANCE RIGID 55

- Couteau de pose avec lame trapèze
- Gants de protection
- Maillet en caoutchouc à tête blanche
- Mètre pliant / mètre ruban
- Crayon / équerre
- Espaceurs
- Scie sauteuse
- Pointe à tracer



B PRÉPARATION ET INFORMATIONS IMPORTANTES AVANT LA POSE

B.1 VÉRIFICATION DE LA MARCHANDISE

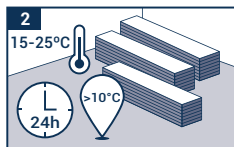
Vérifiez, avant la préparation, la qualité de la marchandise livrée. Une marchandise entaillée ou disloquée ne peut faire l'objet d'une réclamation. Afin de garantir l'uniformité de la couleur et du design, la pose doit être réalisée à partir d'un même lot de fabrication. Pour le design en bois, nous recommandons d'utiliser des lames d'au moins trois boîtes différentes et de les mélanger pour éviter d'avoir le même motif côte à côte.

B.2 ACCLIMATATION

Veillez acclimater votre produit Elegance Rigid 55 dans la(les) pièce(s) où il sera installé au minimum 24 heures avant la pose, dans les conditions détaillées ci-dessous.

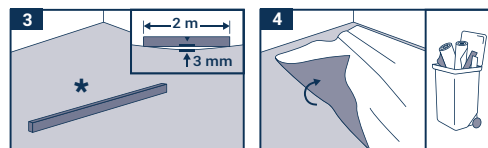
B.3 CONDITIONS DE TEMPÉRATURE AMBIANTE

Elegance Rigid 55 doit être posé à température ambiante, entre 15°C et 25°C. La température du support sur lequel le produit va être posé ne doit pas être inférieure à 10°C.



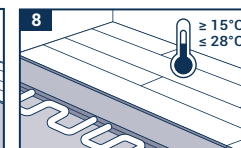
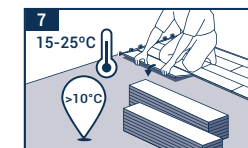
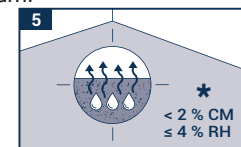
B.4 CONDITIONS REQUISES POUR LE SUPPORT

Préparez la surface en suivant les normes en vigueur dans votre pays. La surface doit être plane, solide, sèche et ne doit pas être exposée à des remontées d'humidité. Voir les supports autorisés mentionnés ci-dessous. La tolérance de planéité maximale est de 3 mm sous une règle de métal de 2 m. Les revêtements de sol en textile et en feutre tissé doivent être retirés. Par principe, il est recommandé de retirer tous les revêtements de sols.



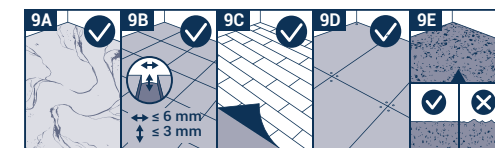
Nous conseillons de ne pas procéder à la pose de l'Elegance Rigid 55 en cas de:

- Inégalités importantes (dépassant les normes de planéité en vigueur dans les pays concernés),
- Fissures du support.
- En France, l'humidité maximale admise pour les supports base ciment (liants hydrauliques) est de 4%. Dans le cas des chappes anhydrites, ce taux est de 0.5% maximum.
- Surfaces insuffisamment solides, trop poreuses ou trop rugueuses.
- Surfaces souillées, par exemple par de l'huile, de la cire, du vernis, des résidus de peinture.
- Différence de hauteur entre le support et les autres éléments de construction
- Température du support inadaptée (inférieure à 10°C).
- Température ambiante inférieure à 15°C et supérieure à 25°C.
- Absence de protocole pour le chauffage au sol.
- Systèmes de chauffage au sol dont la température maximale dépasse 28°C.



SUPPORTS ADMIS

- Plancher en bois fixe (dans le respect des réglementations locales).
- Les sols en pierre, le marbre, les éléments en pierres de taille, sans désaffleurement
- Dalles céramiques (besoins de jointure: $\leq 6 \text{ mm}$ de large / $\leq 3 \text{ mm}$ de profondeur).
- Les revêtements en PVC compact.
- Les chapes en ciment planes: neuves ou avec préparation



- La garantie du produit ne s'appliquera pas si des supports non admis sont utilisés.

C POSE

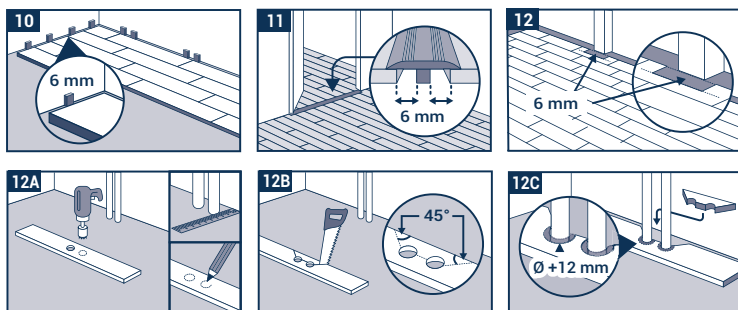
C.1 SENS DE LA POSE

Démarrer toujours la pose de gauche à droite. Dans une pièce, posez les panneaux pour que la lame soit dans le sens de la lumière. Dans les pièces étroites et longues, type couloir, Elegance Rigid 55 doit être posé dans le sens de la circulation.

Elegance Rigid 55

C.2 POSE

À l'aide d'un espaceur adapté, créez un espace périphérique mesurant au moins 6 mm de largeur sur toute la périphérie. **ASTUCE :** Utilisez des chutes de sol comme espaceurs. Maintenez un espace périphérique de 6 mm autour de la zone de pose et de tous les éléments fixes de la pièce, tels que les tuyaux, les encadrements de porte, etc. En principe, cet espace périphérique ne doit pas être comblé avec du silicone, des câbles électriques ou d'autres éléments.

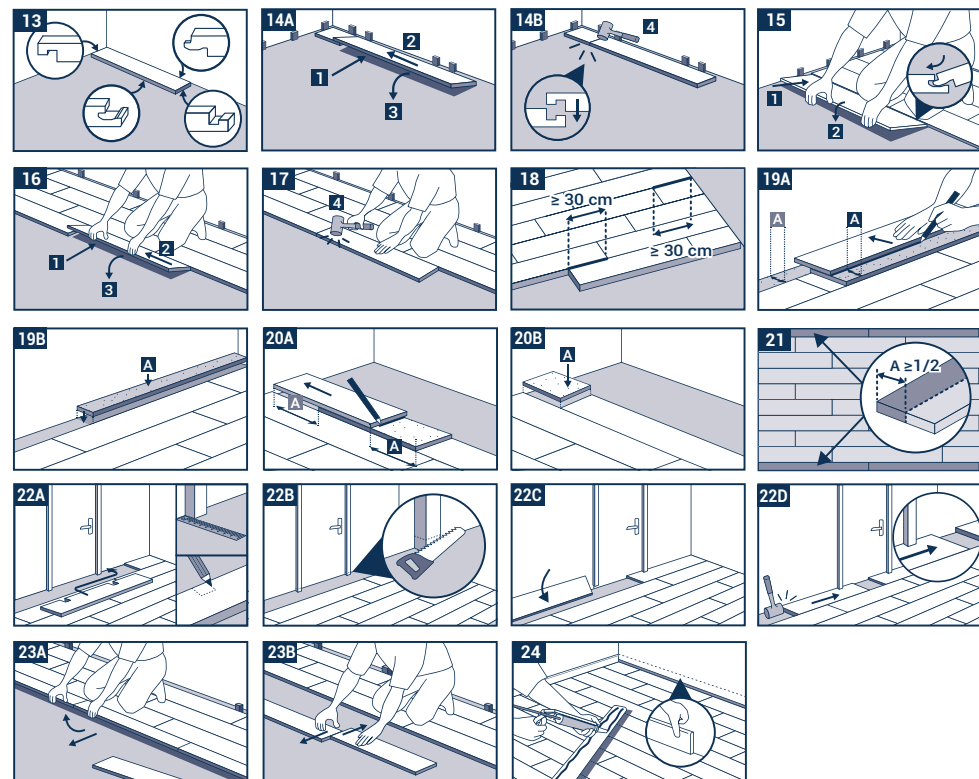


C.3 L'utilisation de silicone est autorisée dans les cas exceptionnels suivants:

Dans les pièces humides type salles de bain, cuisines et WC inférieures à 12 m², l'espace périphérique doit être rempli avec du silicone souple afin d'éviter toute infiltration d'eau. Pour les surfaces plus importantes, nous recommandons de garnir le fond du joint avec une bande d'étanchéité puis de combler la surface avec du silicone.

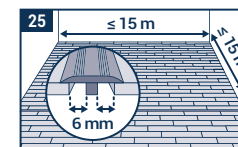
C.4 POSE

Posez le premier panneau avec le côté languette face à la cloison, puis posez tous les autres panneaux de la même façon. Assurez-vous que les extrémités soient posées les unes sur les autres, de façon à ce que les rainures et les languettes correspondent parfaitement, et verrouillez-les d'un petit coup de maillet en caoutchouc. Pour poser le rang suivant, posez le panneau restant d'au moins 30 cm de longueur sur la rainure de longueur du rang déjà posé à un angle d'environ 30°, et faites-le glisser en exerçant une pression légère sur la rangée précédente. Prenez le panneau suivant, posez-le avec un angle d'égalément 30° environ dans le sens de la longueur, sur le panneau déjà posé du premier rang, amenez-le aussi près que possible du côté face du panneau posé précédemment et verrouillez-le comme décrit ci-dessus. Cette technique est utilisée pour poser toutes les autres rangées. Assurez-vous d'obtenir des « côtés faces – décalages joints » d'au moins 30 cm dans les rangées individuelles, de façon à arriver à une pose optimale. Pour la pose de la dernière rangée, l'écart entre la cloison et le rang posé est mesuré et reporté sur le panneau. La dernière rangée posée devrait autant que possible être équivalente à une demi-largeur de panneau. Pensez à garder un espace périphérique de 6 mm de largeur. Si le mur n'est pas rectiligne, la première rangée doit être découpée en suivant le profil du mur à l'aide d'une pointe à tracer, afin de toujours conserver un espace périphérique de 6 mm autour de la pièce.



C.5 ESPACE PERIPHERIQUE

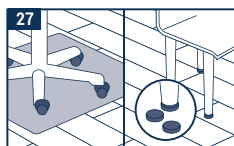
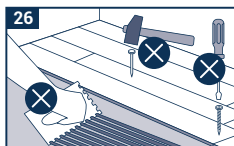
L'espace périphérique doit être de 1 mm par mètre linéaire installé avec un minimum de 6 mm et un maximum de 12 mm. Les pièces d'une superficie ininterrompue de 225 m² peuvent bénéficier d'une installation sans joints en tenant compte de l'espace périphérique multiplié par deux (12 mm). Ne pas dépasser une surface de 15 m de longueur. Pour les salles extrêmement étroites et longues, il faut utiliser des profilés de dilatation. Les surfaces de salles interrompues par des éléments verticaux (colonnes, cloisons, huisseries de porte et autres) doivent être divisées en utilisant des joints de dilatation de 6 mm min. à hauteur de ces éléments. Ne jamais fixer les plinthes, baguettes de finition ou de profilé de dilatation sur le revêtement de sol. Si vous souhaitez obtenir de plus amples informations à ce sujet, adressez-vous à votre représentant Tarkett.



Elegance Rigid 55

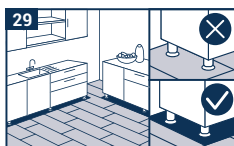
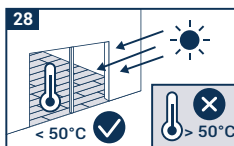
REMARQUES IMPORTANTES POUR TERMINER LA POSE

- Enlevez tous les espaceurs.
- Avant la pose finale des plinthes ou des profilés, les chutes et tout autre débris doivent être éliminés des espaces périphériques.
- Elegance Rigid 55 ne doit jamais être fixé, ni au support, ni à la sous couche, ni à des meubles ou à d'autres éléments fixes.
- Placez un tapis anti-salissures aux entrées extérieures pour réduire la quantité de saletés introduites dans votre maison. N'utilisez pas de tapis avec un envers en latex ou en caoutchouc, car ces envers peuvent provoquer une décoloration permanente.
- Nous vous recommandons d'utiliser des patins adaptés pour sols durs en cas de mobilier mobile. Ne traînez jamais d'objets lourds ou de meubles sur le sol, mais soulevez-les.
- Nous vous recommandons également d'équiper les chaises de bureaux et autres éléments roulants avec des roulettes de type W. Pour une meilleure protection, un tapis de bureau peut être installé sous les chaises à roulettes et les meubles roulants.
- Nous vous recommandons l'application de la couche de protection TarkoProtect, avant d'utiliser le revêtement.



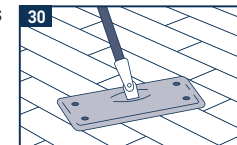
PARTICULARITÉS ET SITUATIONS EXCEPTIONNELLES

- Acclimater le produit 24h avant la pose à une température entre 15°C et 25°C. Ceci est particulièrement important dans les pièces non chauffées, les vérandas ou à proximité des portes de patio.
- À tout moment après l'installation, évitez les variations extrêmes de la température ambiante et la température mesurée au-dessus du sol ne doit pas être inférieure à 10°C ou supérieure à 50°C.
- Lors de l'installation de l'Elegance Rigid 55 dans des zones à risque exposées à des fluctuations de température importantes, l'espace périphérique peut être doublé à 12 mm pour sécuriser l'installation sur toute la périphérie et dans tous les éléments de la pièce.
- Les roues et roulettes en caoutchouc teinté (par ex. les pneus de véhicules, les pneumatiques) peuvent provoquer des changements de couleur irréversibles en cas d'interaction directe et de contact avec les revêtements en vinyle.
- Les éléments lourds (îlot, étagère, meuble de cuisine, etc.) doivent être installés en premier et ne doivent pas être placés sur du revêtement Elegance Rigid 55. Un espace périphérique de 6 mm autour de l'élément ou des pieds de meuble doit être respecté.



NETTOYAGE ET ENTRETIEN

Nettoyez le sol une fois la pose terminée. Après la pose, les poussières doivent être éliminées par balayage ou aspiration. Nettoyage par balayage humide avec un micro-fibre ou serpillère et un détergent neutre pour les saletés tenaces. Toutes les substances agressives et tachantes doivent être immédiatement éliminées de la surface.



Remarque : Bien que Tarkett propose une sélection de fabricants et de types d'adhésifs, d'enduits de ragréage et de membranes hydrofuges nous ne garantissons pas les produits listés. La liste des produits et des fabricants n'est pas garantie d'être complète ni actuelle. Tarkett n'accepte aucune responsabilité pour ces produits s'ils ne fonctionnent pas en association avec les siens. Il est de la responsabilité du fabricant de l'adhésif, de l'enduit de ragréage et de la membrane hydrofuge et de l'entreprise qui installe le revêtement de sol de s'assurer que les produits sont utilisés correctement et conformément aux recommandations des fabricants. Si vous avez des doutes ou besoin de précisions, n'hésitez pas à contacter votre représentant Tarkett pour obtenir plus d'informations.