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|  | **Application Form (Annex 1)** | |  |
|  |  |  |  |
|  | **DE-UZ 224 - Edition July 2022** | Roof and Sealing Sheets |  |
|  |  |  |  |

**Details of the Applicant**

|  |  |
| --- | --- |
| Company Name: |  |
| Full Address: |  |
|  |  |
|  |  |

**Contact Person**

|  |  |
| --- | --- |
| Name: |  |
| Function: |  |
| Telephone number: |  |
| E-Mail-Address: |  |

**Manufacturing Site (If different from the applicant address)**

|  |  |
| --- | --- |
| Company Name: |  |
| Full Address: |  |
|  |  |
|  |  |

**Details to the Product**

|  |  |
| --- | --- |
| Trade name of the product: |  |
| Dimensions (Length/Width/Thickness): |  |

|  |  |
| --- | --- |
|  | The material composition does not change within the different dimensions. |
|  | The material composition changes within the different dimensions. |

**Please choose the categories to which the product belongs:**

|  |  |
| --- | --- |
|  | Bitumen sheet |
|  | plastic or rubber sheet |
| **für:** | |
|  | Building proofing against soil moisture and water |
|  | Roof waterproofing |
| **and is:** | |
|  | loosely installed, mechanically fastened, self-adhesive |
|  | loosely installed under a ballast |
|  | installed without a ballast as a durable seal made of 2-layer polymer bitumen sheet that is either welded or bonded in place using hot bitumen |
|  | installed under a ballast as a seal made of 2-layer polymer bitumen sheet that is either welded or bonded in place using hot bitumen |
|  | **We hereby declare,**  that the product is not made of the following materials: bitumen sheeting with a copper strip inlay, chlorosulfonated polyethylene (CSM or PE-CS), chlorinated polyethylene (PE-C), polyvinyl chloride (PVC), chloroprene rubber (CR) and not designed for indoor uses. |

**1. Technical suitability and fitness for use**

|  |  |
| --- | --- |
|  | **We hereby declare,**   1. that the product complies with all building inspection requirements for its intended use. 2. that the product complies with the minimum performance requirements that apply to structural components designed for sealing building structures as defined in Table B 2.2.5 of the Model Administrative Rules – Technical Building Regulations (MVV TB) as well as in DIN SPEC 20000-201 and DIN SPEC 20000-202. 3. that the product complies with the requirements for roofs as defined section A 2.1.9 and in section 4 of MVV TB. 4. that the product complies with the requirements of DIN 18531-1[[1]](#footnote-1) section 5.1 and DIN 18531-2[[2]](#footnote-2) section 4.1. |
|  | **The declaration of performance according to Regulation (EU) No. 305/2011 is enclosed to the application.** |

**2.** **Requirements for constituent components**

|  |  |
| --- | --- |
|  | **We hereby declare,**  that the roof and sealing sheets and any products that are required for the installation of the products according to the installation instructions issued by the manufacturer (e.g. splice wash and activators) do not contain any substance with the following properties as constituent components[[3]](#footnote-3):   1. Substances which are identified in the REACH Regulation (EC) No. 1907/2006  * as particularly alarming and which have been incorporated into the list drawn up in accordance with Article 59, Paragraph 1 of the REACH Regulation (so-called “candidate list") * which are classified as persistent, bioaccumulative and toxic (PBT) substances or as very persistent and very bioaccumulative (vPvB) substances.  1. Substances that have been classified according to the CLP Regulation in the following hazard categories or which meet the criteria for such classification (cf. Annex A):  * carcinogenic in categories Carc. 1A or Carc. 1B; * germ cell mutagenic in categories Muta. 1A or Muta. 1B; * reprotoxic (teratogenic) in categories Repr. 1A or Repr. 1B; * acute toxicity (poisonous) in categories Acute Tox. 1 or Acute Tox. 2; * specific target organ toxicity in categories STOT SE 1 or STOT RE 1; * hazardous to water in category Aquatic Chronic 1 or * hazardous to the ozone layer in category Ozone 1.  1. Substances that are classified in TRGS 905 as:  * Carcinogenic (K1A, K1B) * Germ cell mutagenic (M1A, M1B) * Reprotoxic (RF1A, RF1B) * Teratogenic (RD1A, RD1B) |
|  | **Declaration of the manufacturer/supplier, instruction manuals, technical datasheets and safety datasheets for all uses primary and installation products are enclosed to the application.** |

**3. Flame retardants**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **The roof and sealing sheets do not contain flame retardants.** | | |
|  | **The following flame retardants are used:** | | |
|  |  |  |  |
|  | Name of the flame retardant | **CAS-No.** | **CLP-Classification** |
|  |  |  |  |
|  |  |  |  |

**4. Prohibited substances in roof and sealing sheets, as well as in the products used to install them**

|  |  |
| --- | --- |
|  | **We hereby declare,**   1. that no halogenated organic compounds are used in the manufacture of the products. 2. that no biocides according to Regulation (EU) No 528/2012 are used. 3. that no herbicides in the sense of Regulation (EC) No 1107/2009 as root resistance agents are used. 4. that no pigments containing lead compounds are added. 5. that no products that contain plasticising substances from the group of phthalates or group of organo-phosphates are added. 6. that no organotin compounds are used. 7. that no substances made out of waste oil are used. |

**5. Ecotoxicity**

|  |  |
| --- | --- |
|  | **The test certificate for ecotoxicity according to Annex B is enclosed to the application.** |
|  | **The DIN EN ISO/IEC 17025 certificate of the testing laboratory is enclosed to the application.** |
|  | Note: A new test certificate shall be submitted after every extension of the validity period of the basic Award criteria. |

**6.** **Solar reflectance**

|  |  |
| --- | --- |
|  | **A test certificate in accordance with DIN EN ISO 22969[[4]](#footnote-4), ASTM E903[[5]](#footnote-5) or ASTM E1918[[6]](#footnote-6) is enclosed to the application.** |
|  | **There is no test certificate. The supplied installation instructions and customer information clearly indicate that the product may only be used under a ballast or, in the case of wooden roofs, in combination with heavy-duty roof insulation that allows for drying to the interior.** |

**7.** **Environmental Product Declaration (EPD)**

|  |  |
| --- | --- |
|  | **A valid Environmental Product Declaration (EPD) for the product according to DIN EN 15804 is enclosed to the application.** |
|  | The public assessable location is here: |
|  |  |

**8. Green electricity**

|  |  |
| --- | --- |
|  | **At least 50 % of the electricity consumed in the production of the certified product is sourced from renewable energy sources as defined in Directive 2018/2001/EU on the promotion of the use of energy from renewable sources and this electricity is labelled accordingly.** |
|  | **The product is produced outside of the EU. 50 % of the electricity consumed in the production of the certified product is sourced from renewable energy sources certified in accordance with the international REC standard (I-REC).** |
|  | **The fuel mix disclosure and proof of origin or I-REC certificate and the green electricity balance are enclosed to the application.** |

1. **Consumer information, packaging and advertising messages**

|  |  |
| --- | --- |
|  | **We hereby declare,**   1. that the following information and recommendations are enclosed with the product (in printed form or as a link to a website )  * Installation instructions * Technical data sheet * Notes on maintenance * Recommendations for cleaning and caring for the product * Information on recycling possibilities and proper disposal  1. that application instructions for achieving the longest possible service life at the intended installation site in order to ensure that the roof lasts for a long time (between 20 and 40 years) are enclosed. 2. that a commercially appropriate minimum service life of the product – in the event of proper planning, selection, execution and maintenance of the roof – is stated. 3. that the application instructions do not recommend the use of any PU adhesives 4. that sales packaging[[7]](#footnote-7) for the product do not contain any PVC. 5. that sales packaging are made of recycled raw materials (post-consumer materials) and contain at least 80% recycled materials. 6. that sales packaging comply with the current minimum standard for determining the recyclability of packaging[[8]](#footnote-8). 7. that advertising messages that contain terms such as “Bio”, “Eco” or “Natural” are not used. |
|  | **Declarations of the packaging manufacturers are enclosed to this application.** |
|  | Please state the components of the sales packaging, if this is not provided completely by one manufacturer: |
|  |  |

**If there are different remarks regarding a criterium please enter them here:**

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| --- | --- | --- | --- |
| **Place:** |  |  |  |
|  |  |  |
| **Date:** |  |  |
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**Legally binding signature / Company stamp**

**Annex A**

The following table assigns the stated hazard categories to the corresponding hazard statements (H Phrases) according to the CLP Regulation (EC) No. 1272/2008.

Table 1: Hazard categories, H Phrases and assigned hazard statements

|  |  |  |
| --- | --- | --- |
| Hazard  category | H Phrase | Hazard statement |
| Carcinogenic substances | | |
| Carc. 1A | H350 | May cause cancer |
| Carc. 1B | H350 | May cause cancer |
| Carc. 1A, 1B | H350i | May cause cancer if inhaled |
| Germ cell mutagenic substances | | |
| Muta. 1A | H340 | May cause genetic defects |
| Muta. 1B | H340 | May cause genetic defects |
| Reprotoxic (teratogenic) substances | | |
| Repr. 1A, 1B | H360D | May damage the unborn child |
| Repr. 1A, 1B | H360F | May damage fertility |
| Repr. 1A, 1B | H360FD | May damage fertility  May damage the unborn child |
| Repr. 1A, 1B | H360Df | May damage the unborn child  Suspected of damaging fertility |
| Repr. 1A, 1B | H360Fd | May damage fertility  Suspected of damaging the unborn child |
| Acute toxic substances | | |
| Acute Tox. 1  Acute Tox. 2 | H300 | Fatal if swallowed |
| Acute Tox. 1  Acute Tox. 2 | H310 | Fatal in contact with skin |
| Acute Tox. 1  Acute Tox. 2 | H330 | Fatal if inhaled |
| Substances with specific target organ toxicity | | |
| STOT SE. 1 | H370 | Causes damage to organs |
| STOT RE. 1 | H372 | Causes damage to organs through prolonged or repeated exposure |
| Environmental hazards | | |
| Aquatic Chronic 1 | H410 | Very toxic to aquatic life with long-lasting effects |
| Ozone 1 | H420 | Harms public health and the environment by destroying ozone in the upper atmosphere. |

1. DIN 18531-1:2017-07 Waterproofing of roofs, balconies and walkways - Part 1: Non-utilized and utilized roofs - Requirements and principles for execution and design [↑](#footnote-ref-1)
2. DIN 18531-2:2017-07 Waterproofing of roofs, balconies and walkways - Part 2: Non-utilized and utilized roofs - Materials [↑](#footnote-ref-2)
3. Constituent components are substances added to the product as such or as part of a mixture in order to achieve or influence certain product properties and those required as chemical cleavage products for achieving the product properties. This does not apply to residual monomers that have been reduced to a minimum. [↑](#footnote-ref-3)
4. DIN EN ISO 22969:2021-02 Paints and varnishes - Determination of solar reflectance [↑](#footnote-ref-4)
5. Standard Test Method for Solar Absorptance, Reflectance, and Transmittance of Materials Using Integrating Spheres, <https://www.astm.org/standards/e903> [↑](#footnote-ref-5)
6. Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field, <https://www.astm.org/e1918-21.html> [↑](#footnote-ref-6)
7. An exception to this requirement is made for transport packaging, such as shrink hoods for pallets. [↑](#footnote-ref-7)
8. <https://www.verpackungsregister.org/fileadmin/files/Mindeststandard/Mindeststandard_VerpackG_2020.pdf> [↑](#footnote-ref-8)