

## DUOFLEX

### Description

**DUOFLEX** is a high quality elastomeric bitumen, hot bonded to the substrate incorporating the fleece in the DUOFLEX HOT MELT waterproofing system. It can also be used for bonding bituminous membranes and insulation materials which are resistant to the processing temperature of hot bitumen.

### Packing

Blocks of 20 kg

### Characteristics

|   |        |                      |
|---|--------|----------------------|
| Flexibility after aging (EN 1425)                                   |        | remains very elastic |
| Penetration (25°C) (1/10 mm) (EN 1426)                              |        | ≥ 60                 |
| Softening point (°C) (EN 1427) R&B                                  |        | ± 105                |
| Breaking point (°C) (EN 12593) Fraas                                |        | -36                  |
| Elastic recovery (%) (EN 13398)                                     |        | ≥ 100                |
| Rigidity (MPa) ([-]) (AASHTO TP1) Bending Beam Rheometer            |        |                      |
|   | -16 °C | 32 (0,41)            |
|   | -22 °C | 83 (0,34)            |
|   | -28 °C | 159 (0,30)           |
| Rigidity G (kPa) (AASHTO TP5) Dynamic Shear Rheometer               |        |                      |
|   | 20 °C  | 532                  |
|   | 30 °C  | 237                  |
|   | 40 °C  | 105                  |
|   | 50 °C  | 44                   |
|   | 60 °C  | 20                   |
|   | 70 °C  | 20                   |
|   | 80 °C  | 6                    |
| Phase shift angle $\delta$ (-) (AASHTO TP5) Dynamic Shear Rheometer |        |                      |
|   | 20 °C  | 38                   |
|   | 30 °C  | 38                   |
|   | 40 °C  | 40                   |
|   | 50 °C  | 45                   |
|   | 60 °C  | 45                   |
|   | 70 °C  | 43                   |
|   | 80 °C  | 41                   |

### Consumption

± 3 kg/m<sup>2</sup>

### Installation

**DUOFLEX** is heated in a boiler and processed at a temperature between 160 and 180 °C. Avoid overheating, this will negatively affect the product properties.

Pour **DUOFLEX** with appropriate tools (e.g.: metal bucket or watering can) and spread it with appropriate tools (e.g.: adapted squeegee or metal scraper).

### Certifications

**BBA 10/4745 ps 1**  
**BBA 10/4745 ps 2**

## **Special indications**

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### **Hygiene, Health and Environment**

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

For more information, please refer to the relevant safety data sheet.

### **Quality-, Environment- and Safety Management**

**SOPREMA** always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.

