

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 (1/10 mm) (25°C) (EN 1426)	63
Softening point (°C) (EN 1427) R&B	113
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 (-) (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/m²

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

Special indications

Hygiene, Health and Environment

The membrane 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**.



Marnix DERKS
Technical Director
Grobbendonk, 22/03/2018