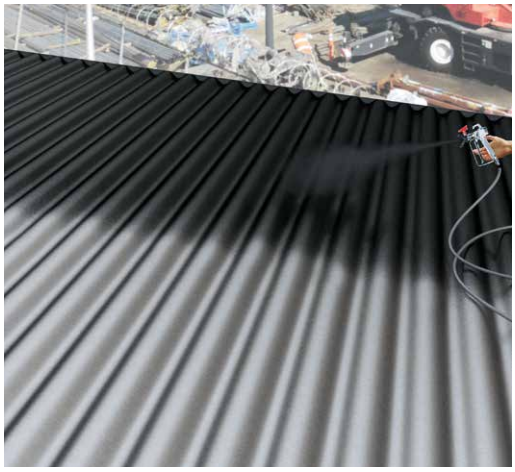
FLUID BITUM

CE
EN 1504-2
EN 15814
EN 14891

BITUMINOUS WATERPROOFING PRODUCT FOR BRUSH, ROLLER AND SPRAY APPLICATION

- Ready to use, quick and easy to install. Once the application is finished, it can be stored for later application by simply closing the bucket
- Based on bituminous elastomer in aqueous solution
- Once dried, it is characterised by high elasticity, excellent adhesion to the support and impermeability
- For waterproofing timber, concrete and metal sheet roofs, balconies, terraces, foundations, bathrooms, saunas, shower cubicles and difficult-to-make details



BITUMEN BASED

CODE	content [kg]	pcs
FLUBIT10	10	1

INSTRUCTIONS FOR USE

It is always advisable to have the correct Personal Protective Equipment (PPE) and to consult the technical data sheet and safety data sheet before starting the application.
Thoroughly clean surfaces and ensure that any loose or crumbling parts, paint, rust or dust are removed. Stir carefully before use. Apply FLUID BITUM by brush, roller, mop or spray. For surfaces larger than 25 m^2 or for stressed substrates, it is recommended to reinforce the product with BYTUM REINFORCEMENT, embedding the reinforcing layer in the first abundant coat of FLUID BITUM while still fresh. The reinforcement should be overlapped by approximately 10 cm. The application must include at least two or three coats, so as to achieve a continuous and uniform total thickness of approximately 1,5 to a maximum of 3 mm. Average consumption is 1.5 kg/m^2 per mm of thickness and may vary depending on the nature and level of porosity of the substrate and the thickness required. Waterproofing must be protected from rain, dew and fog until completely hardened. Humidity and low temperatures extend the drying time. Clean the tools with water after use.

TECHNICAL DATA

properties	standard	value
classification[1]	EN 15814	PMB-CB2-W2A-C2A
classification[2]	EN 1504-2	C PI-MC-IR
classification[3]	EN 14891	DM O1P
colour (wet/dry)	-	black/grey
density	EN 2811-1	1,5 kg/L
maximum application thickness	-	3 mm
material yield per 1 mm thickness	-	1,5 kg/m^2
water vapour transmission (Sd)	EN ISO 7783	Class II: between 5 and 50m
watertightness	EN 1928	> 500 kPa
elongation	ISO 37	2,4
elongation with BYTUM REINFORCEMENT	EN 12311-1	0,8
reaction to fire	EN 13501-1	class E
thermal conductivity λ	-	0,2 W/(m·K)
crack bridging ability	EN 1062-7	> 2,5 mm
crack bridging ability with BYTUM REINFORCEMENT	-	> 10 mm
resistance to static loading - method A	EN 12730	45 kg
resistance to static loading - method B	EN 12730	25 kg
resistance to impact - method A	EN 12691	1000 mm
resistance to impact - method B	EN 12691	1000 mm
specific heat	-	1500 J/(kg·K)
flexibility at low temperatures	EN 1109	-10 °C
time required for application of each layer on the previous one 23 °C/50% RH[4]	-	24 hours
time required for complete hardening 23 °C / 50% RH[4]	-	4 hours
time required for covering with ceramics or paint 23 °C/50% RH[4]	-	4 days
time required for complete hardening 23 °C / 50% RH[4]	-	4 days
thermal resistance	-	-30 / +80 °C
application temperature (environment)	-	+5 / +35 °C
storage temperature[5]	-	≥ +5 °C

[1] PMB-CB2-W2A-C2A thick polymer modified bitumen (PMBC) waterproofing coating for waterproofing underground structures.
[2] C PI-MC-IR protective surface coating.
[3] DM O1P water resistant dispersion products applied liquid, with improved crack bridging at low temperature (-5°C) and resistant to contact with chlorinated water.
[4] The data expressed may vary depending on the thickness of the product applied and the specific installation conditions: temperature, humidity, ventilation, absorbency of the substrate.
[5] Store the product in a dry, covered location. Check the expiry date on the packaging.