

BYTUM LIQUID | REINFORCEMENT

SPREADABLE WATERPROOFING SHEATH |
REINFORCING LAYER

CE
EN 1504-2
EN 14891



TECHNICAL DATA

Properties	standard	value	USC conversion
Classification ⁽¹⁾	EN 1504-2	C PR-PI-MC-IR	-
Classification ⁽²⁾	EN 14891	DM O1	-
Colour (wet/dry)	-	black/grey	-
Density	EN ISO 2811-1	approx. 1,5 kg/L	361 oz/gal
Maximum application thickness	-	3 mm	-
Dry residue (m/m a 130 °C)	EN ISO 3251	approx. 77%	-
Brookfield viscosity	EN ISO 3219	65000 ± 13000 cP	-
pH	-	approx. 7,5	-
Direct traction adhesion on timber/metal	EN 1542	1,70 N/mm ²	-
Flexibility at low temperatures	EN 1109	-10 °C	-
Elongation at failure	EN 12311-1	> 200%	-
CO ₂ permeability S _d	EN 1062-6	> 50 m	-
Material yield per 1 mm thickness	-	1,5 kg/m ²	-
Water vapour transmission Sd ⁽³⁾	EN ISO 7783	I class: < 5 m	-
Free water permeability	EN 1062-3	w < 0,1 kg/m ² ·h ^{0,5}	-
Abrasion resistance (Taber test)	EN ISO 5470-1	< 3 g	-
Impact resistance	EN ISO 6272-1	III class (≥ 20 Nm)	-
Crack bridging ability (method A)	EN 1062-7	A5 class (≥ 10 mm)	-
Tensile adhesion after immersion in water	EN 14891	> 0,5 N/mm ²	-
Tensile adhesion after thermal ageing	EN 14891	> 0,5 N/mm ²	-
Tensile adhesion after freeze-thaw cycles	EN 14891	> 0,5 N/mm ²	-
Tensile adhesion after contact with lime water	EN 14891	> 0,5 N/mm ²	-
Watertightness	EN 14891	waterproof	-
Crack Bridging Ability (at -5 °C)	EN 14891	> 0,5 N/mm ²	-
Temperature resistance	-	-30 / 80 °C	-22 / 176 °F
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⁾	-	48 hours	-
Storage temperature ⁽⁵⁾	-	≥ 5 °C	≥ 41 °F

(1) C PR-PI-MC-IR protective surface coating.

(2) Water based DM O1 waterproofing product applied liquid in dispersion with improved crack bridging capability and at low temperature (-5°C).

(3) It depends on the thickness applied.

(4) The data expressed may vary depending on the thickness of the product applied and the specific installation conditions: temperature, humidity, ventilation, absorptency of the substrate.

(5) Store the product in a dry, covered location. The product in its original unopened containers remains stable for 24 months.

CODES AND DIMENSIONS

BYTUM LIQUID

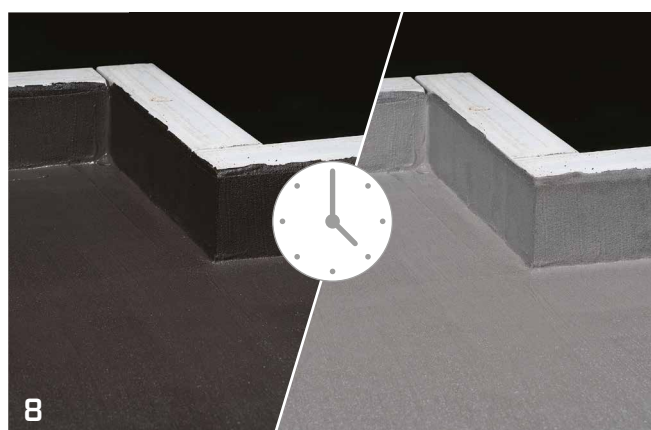
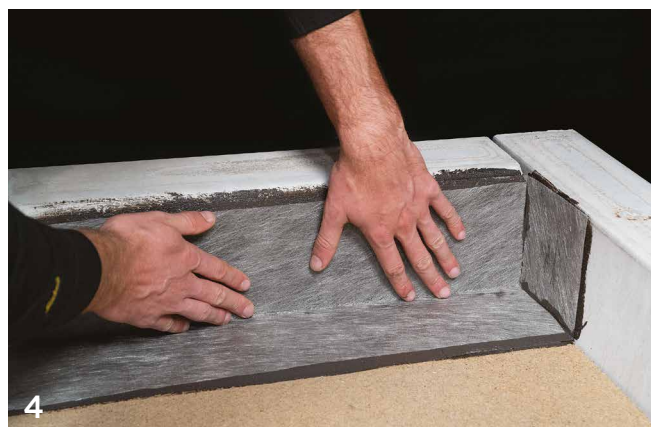
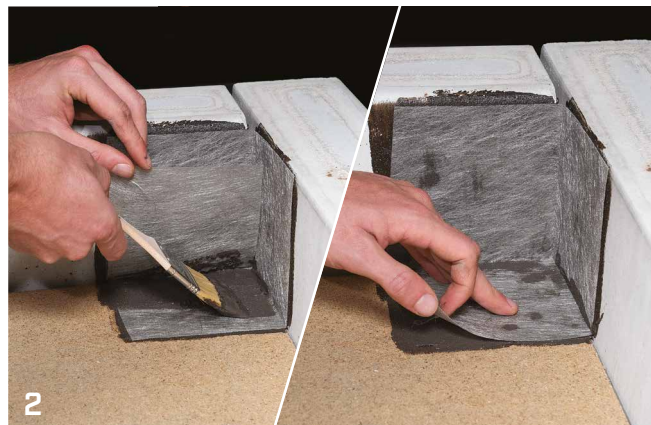
CODE	content [kg]	content [lb]	
BYTL10	10	22	50

BYTUM REINFORCEMENT

CODE	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
BYTR	1	50	50	3	164	538	24

RECOMMENDATIONS FOR INSTALLATION

WATERPROOFING OF WALL-TO-CEILING CORNERS



1 MARLIN, CUTTER

3 BRUSH