

Technical data sheet

B-Primer

PRIMER FOR LIQUID RUBBER COATINGS

B-Primer is used as a primer for the Liquid Rubber coatings. B-primer can be used on many situations as an adhesive layer. For example on stones, concrete, wood and many other porous surfaces.

B-primer is used as a pre-layer for the protective coatings of Liquid Rubber.

APPLICATION

B-primer is a water based environmentally safe primer that is used as a first adhesion layer for the Liquid Rubber coatings. **B-primer** is fully adherent to the surface and after curing it results in a thin basic layer.

B-primer is single component product and can be applied by means of a brush, paint roller or airless spray system. Apply in a thin layer. The product is dry to touch within a few minutes. Afterwards a layer of the Liquid Rubber coating can be applied. **B-primer** needs to be applied on a dry surface, free of dirt, dust and grease. Application is not recommended if heavy rains are imminent, or a high humidity environment. See application manual or consult with your Liquid Rubber Europe representative for further details.

B-primer needs to be applied with a coverage between 4-8 m²/liter. Important: use **B-primer** always as a primer layer under the Liquid Rubber series on the surfaces bitumen, concrete, porous stones, wood, zinc, copper, aluminum and galvanized steel (depending on the zinc concentration). **B-primer** is not necessary on steel, corroded steel, blasted steel, pvc, plastics, foam and many insulation materials.

LIMITATIONS

B-primer is mildly alkaline. When applying this product observe appropriate safety precautions, wear gloves, eye protection and other suitable protective equipment. **B-primer** cannot be applied when the outside temperature or surface temperature is lower than 5 °C. The non-cured membrane can damage when it gets frozen and cannot be applied on wet or frozen surfaces.



CAUTION

For industrial use only. Keep out of the reach of children. Do not store in direct sunlight max 32 °C or below 5 °C.

TECHNICAL SERVICE

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PHYSICAL PROPERTIES (liquid)

PROPERTY	TYPICAL RESULT
Color	Brown to black
Specific gravity (liquid), g/cm ³	Approx. 1.0
Odour	None
Volatile Organic Compound VOC	Contains no solvents
Solids %	53 – 58%
Viscosity Brookfield CPS	40 – 90
pH	10 – 12

USAGE

CURED MEMBRANE

mm	kg/m ²	seal
1.00	1.35	airtight
2.00	2.7	watertight

PERFORMANCE (Cured membrane)

PROPERTY	TYPICAL RESULT
Color	Black
Specific gravity g/cm ³	Approx. 1.0
Water absorption NEN-EN-ISO 15148:2002	0.00011kg/m ² .sec ^{0.5}
Water vapor transmission NEN-EN-ISO 7783:2011	0.59 g/m ² *24h
Crack bridging ASTM C1305	Passed
Adhesion to concrete ASTM C836-10 (peel)	3.590 N/m
Adhesion to concrete ASTM C836-10 (peel) heat aged	5.600 N/m
Tensile strength ASTM D638	Passed (>90% original value)
Elongation % ASTM D638	850%
Recovery %	>90%
Salt resistance ASTM B117-09	Passed >1200h
Air permeability ASTM E2178	0.0004 L/(s.m ²) at 75 Pa

DECLARATION OF PERFORMANCE

Construction Products Regulation (CPR) EU 305/2011

