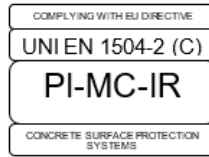


PRODUCT DATA SHEET

ITEM CODE: SEE DN
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W-BIT



DESCRIPTION OF THE PRODUCT

Water-based, bituminous, waterproofing, and protective paint. Fast-drying and solvent-free, it offers high resistance to weathering and ageing.
Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE

Thanks to its high technical performance, including superior waterproofing and consistent plasticity, **W-BIT** is ideal for the protection and waterproofing of thin surfaces and masonry. Suitable substrates include perimeter walls, concrete structures, wood, brickwork, and precast elements. It can also be applied to oxidizable metals as a corrosion-inhibiting primer before the application of other WINKLER liquid waterproofing membranes.

SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, loose or friable material, and any foreign or non-adherent substances. Ensure the surface is completely dry before applying the product.

To check for substrate moisture and prevent the formation of air bubbles caused by vapour pressure, cover a 1 m² area of the surface with a 0.2 mm thick polyethylene sheet. Seal the edges with adhesive tape, preferably on the side exposed to the sun, and inspect for condensation after 24-48 hours.

RECCOMENDATIONS

- Do not add any additives.
- Do not use the product if the packaging is damaged.
- Do not add water or solvents.

WARNINGS

Mix thoroughly before use to achieve complete homogenization of the product.

Apply at temperatures between +5°C and +35°C

Do not apply **W-BIT** on surfaces subject to standing or ponding water; the substrate must have a sufficient slope to ensure proper rainwater drainage.

Apply the product under environmental conditions that allow it to dry completely in the shortest possible time.

APPLICATION

The product is ready to use and can be applied using a roller, brush, or airless spray gun, in one or two coats.

CONSUMPTION

130-250 g/m² in one or two coats

PACKAGING

5-10-18 kg buckets

STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

SAFETY INSTRUCTIONS

PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

TECHNICAL FEATURES

FEATURES	RESULTS
Colour	Brown – Black (once dried)
Specific gravity at 20°C	1.08 g/cm ³
Solid content	42%
Tack-Free Time at 20°C	15-20 minutes
Full curing at 20°C	3-4 hours
Application Temperature Range	+5°C to +35°C

PERFORMANCE OF THE PRODUCT IN SERVICE

FEATURES	RESULTS
Water resistance	Excellent (when dry)
Ageing resistance	Excellent
UV resistance	Excellent Maintains plasticity and does not crack even when exposed to sunlight
Operating temperature range	-10°C to +80°C

PRODUCT CHARACTERISTICS ACCORDING TO UNI EN 1504-2

FEATURES	STANDARD	RESULT
Water vapour permeability	EN ISO 7783	$5m \leq s_D \leq 50m$
Capillary absorption	UNI EN 1062-3	$W < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$
Adhesion by direct traction	UNI EN 1542	$\geq 0.8 \text{ N/mm}^2$ (no traffic)
Adhesion by direct traction after thermal shock cycles	UNI EN 1542	$\geq 0.8 \text{ N/mm}^2$ (no traffic)

VOLATILE ORGANIC COMPOUNDS EMISSION

PARAMETER	MAX. ALLOWED CONCENTRATION ($\mu\text{g}/\text{m}^3$)
TVOC after 3 days	≤ 750
TVOC after 28 days	≤ 60

Test performed by the EUROFINS Institute according to EN 16516, ISO 16000-3/6/9/11 and ASTM D5116-10. Test report n. 392-2017-00404102_G_EN_02.

The product complies with the requirements of Directive 2003/53/EC.

PRODUCT FOR PROFESSIONAL USE ONLY

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