



WINGRIP BITUMINOSO

Article Code see DDT

Date of issue 13.09.2016

Revision nr. 06

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COMPLYING WITH EU LAW

UNI EN 14891:2012

CLASSIFICATION

DM 01 P

WATERPROOFING LIQUID PRODUCTS TO
BE USED UNDER TILES PASTED BY
ADHESIVES.

DESCRIPTION OF THE PRODUCT

WINKLERSAFE exclusive technology for low environmental impact products and the constant research of WINKLER laboratories enabled the creation of an extraordinary product as WINGRIP BITUMINOSO.

Bitumen Waterproofing Adhesion promoter based on high quality polymers and selected charges in aqueous dispersion.

CHARACTERISTICS

WINGRIP BITUMINOSO is a very low environmental impact product and it's ready to use. It has been specifically formulated as bonding agent and for the creation of the waterproofing layer for the setting of ceramics tiles on balconies, showers, bathrooms and swimming pools.

It's easy to apply either on horizontal or vertical surfaces and suitable for overlaying on existing tiles or concrete blocks. It creates an elastic and very hard layer assuring an high adhesion to the cement adhesive. Thanks to its special formulation, WINGRIP BITUMINOSO, doesn't need any kind of reinforcement nor particular adhesives. It is enough using a suitable adhesive.

In case adhesives from the WINKLER range should be used, such products are fully covered by the specific insurance policy issued by REALE MUTUA ASSICURAZIONI.

JOCKOL	C1 T (UNI EN 12004 : 2003)
ROYAL	C2 (UNI EN 12004 : 2003)
ROYAL SUPER	C2T (UNI EN 12004 : 2003)
ROYAL EXTRA	C2TE (UNI EN 12004 : 2003)

WINGRIP BITUMINOSO is of fasten drying and can be covered after 7 hours after the first application, in suitable weather conditions.

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SURFACE PREPARATION

Accurately clean the support to eliminate: dust, crumbly parts, foreign or bondingproof matters. The application must be done on dry surface. Check eventual humidity of the sub-grade, in order to avoid onset of bubbles due to vapour pressure.

The best procedure is the application of a polyethylene sheet sealed by means of bonding tape on the side of the surface exposed to the sun and to check after 24 hours the possible water condensation. In the case of no water condensation, proceed with the laying of WINGRIP BITUMINOSO, otherwise attend for full drying.

ADVICES

Do not add ANY additive.

Do not use the product if the packaging is damaged.

Do not add water.

APPLICATION

The product is ready to use and can be applied by roller, paintbrush, airless gun. Apply WINGRIP BITUMINOSO in one coat and without using any primer. For angles reinforcement and sealing, it's advisable applying BC SEAL BAND, self-adhesive band covered with non-woven. For waterproofing and sealing around roof penetrations such as drain, ventilation pipes, other roof penetrations or around plumbing pipes and drains, use BC SEAL PAD, self-adhesive butyl square pad. Apply WINGRIP BITUMINOSO in a continue and homogeneous coat, in order to allow a perfect waterproofing layer.

SURFACES WITH JOINTS

Use WINJOINT BAND, waterproof elastic band made of rubber and polyester fabric, suitable for waterproofing structural joints.

Apply WINJOINT BAND as described below: clean the surface to be treated, apply WINGRIP BITUMINOUS laterally to the joint and to a width that is larger than the joint cover. Apply the joint cover by placing the lateral perforated strip to the area already treated with WINGRIP BITUMINOSO. Once dry, soak it with a further coat of product.

WARNING

Before the application it is advisable restore any eventual irregularity on the surface and paste any eventual detached tile. The product must be applied in environmental conditions suitable to guarantee its full drying as soon as possible. Therefore do not apply

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the product on frost surfaces or when subject to night chill or with rainy weather. Do not apply the product on supports with hidden humidity. Protect the surface during the first 24 hours from water, rain and snow. For vertical applications, it is advisable using covers which do not weigh more than 25 kg/m². Apply the product at temperatures between +5°C and +35°C.

CONSUMPTION IN HORIZONTAL

500 g/m² in overlay on existing floors.
1 kg/m² on cement blocks.

CONSUMPTION IN VERTICAL

400 g/m² in overlay on existing coverings.
800 g/m² on different kind of walls.

PACKAGING

5 – 10 - 20 kg buckets.

STORAGE

The product in its original and undamaged packaging has a shelf time of 12 months. Please store it at temperatures between +5°C and 40 °C.

SAFETY INSTRUCTIONS

PRECAUTIONS

For information about safety, user must refer to the most recent Safety Data Sheet, edited in accordance with the regulations in force, which contains physical, toxic and other data about the product in use.

ECOLOGY

Do not through out the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

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TECHNICAL FEATURES (average values)
Notified Lab for N. 0407 test 323166/9011/CPR
PRODUCT FOR PROFESSIONAL USE ONLY

Aspect:	liquid - cream
Colour:	black
Specific Weight at 20°C (g/cm ³)	1,22
pH of mixture:	8,5 ± 0,5
Flood test after 24 hours	Ok
Water Absorption	6%
BROOKFIELD VISCOSITY at 20°C (cPs)	9,000 ± 1000
VOC (g/l)	0,50
Tensile adhesion strength according to EN14891 (N/mm ²)Initial (after 28 days):	
Adhesion to concrete support	≥ 1,30
Adhesion to the support on tile	≥ 1,00
Tensile adhesion strength according to EN14891 (N/mm ²)after water immersion (after 28 days):	
Adhesion to concrete support	≥ 1,20
Adhesion to the support on tile	≥ 1,00
Tensile adhesion strength according to EN14891 (N/mm ²)after freeze-thaw cycles(after 28 days):	
Adhesion to concrete support	≥ 0,70
Adhesion to the support on tile	≥ 0,60
Adhesion to the support (EN14891) (N/mm ²) after thermic shock after 28 days	
Adhesion to concrete support	≥ 0,75
Adhesion to the support on tile	≥ 0,65
Adhesion to the support (EN14891) (N/mm ²) after contact with calcium hydroxide after 28 days	
Adhesion to concrete support	≥ 0,84
Adhesion to the support on tile	≥ 0,74
Water permeability	No permeability
Crack-bridging (+23°C)	0,75 mm
Crack-bridging (+5°C)	0,75 mm

The product meets with the Law 2003/53/CE and its prescriptions.

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