



**NEW FORMULA**

# **WINGRIP BITUMINOSO**

**READY TO USE, MULTI-PURPOSE,  
WATERPROOFING  
ADHESION PROMOTER**

COMPLIANT WITH EU DIRECTIVE

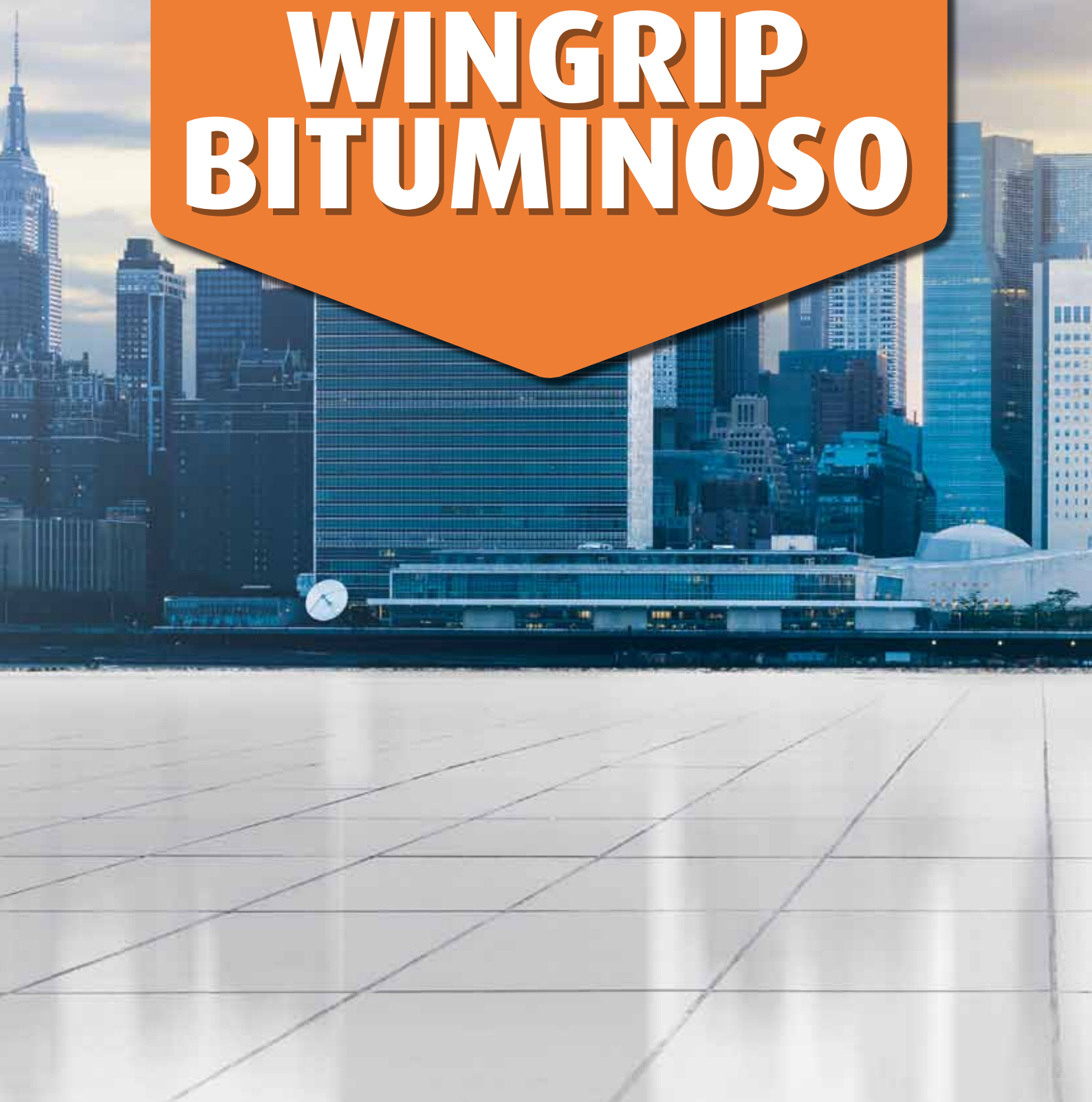
UNI EN 14891:2012

CLASSIFICATION  
DM 01 P

LIQUID-APPLIED WATERPROOFING  
PRODUCTS FOR USE BENEATH  
CERAMIC TILING BONDED  
WITH ADHESIVES

**Winkler** **SAFE**

# **WINGRIP BITUMINOSO**





A city skyline at sunset with a large skyscraper in the center and a body of water in the foreground. The sky is filled with dramatic, golden clouds, and the sun is low on the horizon, creating a strong lens flare effect. The foreground shows a body of water reflecting the city lights and the sky. The text is overlaid on the image in a bold, orange, outlined font.

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## NATURE OF THE PRODUCT

Water-Based Bituminous Waterproofing Adhesion Promoter based on high quality polymers and selected aggregates in aqueous dispersion. The NEW IMPROVED FORMULA of the product delivers exceptional Crack-Bridging resistance and enhanced adhesion properties.

## CHARACTERISTICS

**WINGRIP BITUMINOSO** is specifically formulated to create a highly resistant waterproofing and bonding-promoting layer prior to the installation of ceramic tiles using cementitious tile adhesives. **WINGRIP BITUMINOSO** forms a rough, firm, and yet supple enough layer that ensures a superior bond of the cementitious adhesive used for setting the tiles. Tiles can be set in as little as 7 hours after completing the application of **WINGRIP BITUMINOSO**. Thanks to its special formulation, WINGRIP BITUMINOSO, does not require any reinforcement nor particular tile adhesives. Should Winkler adhesives indicated below be used over substrates treated with **WINGRIP BITUMINOSO** the systems are fully covered by specific insurance policy issued by REALE MUTUA ASSICURAZIONI.



## WINKLER TILE ADHESIVES:

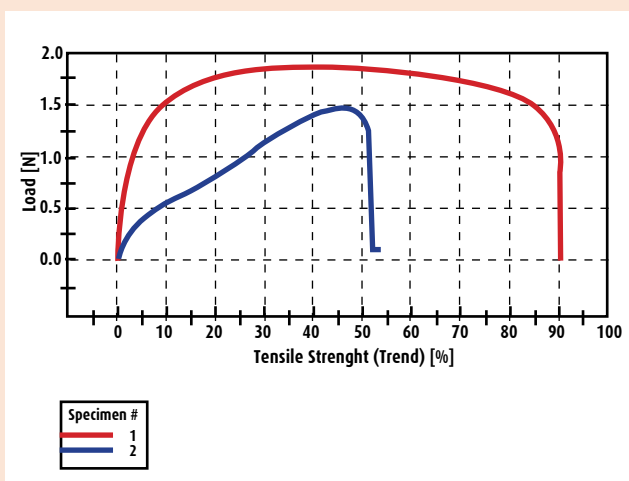
PRODUCT	Classification according to UNI EN 12004 :2003
ROYAL EXTRA	C2TE
ROYAL SUPER	C2T
ROYAL SUPER SP	C2T
ROYAL	C2
JOCKOL	C1T

## TECHNICAL FEATURES

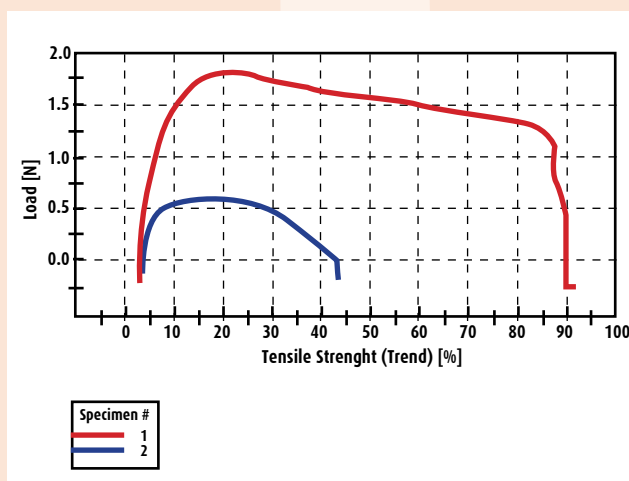
APPEARANCE	LIQUID - CREAMY
COLOUR	BLACK
ADHESION TO THE SUPPORT (EN 1348) (MPa) (EN 14891):	1,20 ± 0,05

## NEW FORMULA: IMPROVEMENTS IN RESISTANCE AND ELASTICITY

### NEW FORMULA TEST IN COMPARISON WET SAMPLE



### NEW FORMULA TEST IN COMPARISON DRY SAMPLE



	SPECIMEN	WIDTH	THICKNESS	TENSILE STRESS AT MAX. LOAD		MAX LOAD	TENSILE STRENGTH (Trend) AT BREAK (Standard)
				[psi]	[N/mm <sup>2</sup> ]		[%]
1	WINGRIP BITUMINOSO (NEW FORMULA)	13,00	0,56	112,33	0,77	5,6	66
2	WINGRIP BITUMINOSO (OLD FORMULA)	13,00	0,56	35,61	0,24	2,1	29

DECLARED PERFORMANCES		
BASICS	PERFORMANCES	HARMONIZED TECHNICAL SPECIFICATION
Initial tensile adhesion	1,44 N/mm <sup>2</sup>	UNI EN 14891:2012
Adhesion after water immersion	1,3 N/mm <sup>2</sup>	
Adhesion after frost-defrost cycles	0,85 N/mm <sup>2</sup>	
Adhesion after water thermal shock	0,80 N/mm <sup>2</sup>	
Adhesion after contact with calcium hydroxide	0,86 N/mm <sup>2</sup>	
Water permeability	None	
Crack-bridging (+23°C)	1,96 mm	
Crack-bridging (-5°C)	1,82 mm	
Dangerous substances emission	None	

## APPLICATION FIELDS

**WINGRIP BITUMINOSO** is the ideal product for under tile waterproofing and for promoting the adhesion of ceramic tiles. It can be applied over concrete, existing tiles, concrete blocks, masonry or cement boards. Use **WINGRIP BITUMINOSO** in horizontal and vertical applications on terraces, balconies, bathrooms, shower linings, etc.





## SURFACE PREPARATION

Clean support surface thoroughly in order to eliminate dirt, dust, loose materials, any form of oil or grease and foreign or bonding-proof matter. Over excessive dusty concrete surfaces use WINFIX CONCRETE prior to the application of **WINGRIP BITUMINOSO**. Apply BC SEAL BAND (Self-Adhesive Butyl Band) over corners such as wall to floor or wall to wall and BC SEAL PAD around penetrations such as drains, pipes, etc. Use WINJOINT BAND over expansion joints and/or concrete control cuts.



BC SEAL BAND



BC SEAL PAD



WINJOINT BAND

## APPLICATION

**WINGRIP BITUMINOSO** is ready to use, does not require primer and can be applied by roller, paintbrush, or airless spray-gun. Ensure the substrate is dry and check for hidden humidity within the substrate prior to applying the product. Apply **WINGRIP BITUMINOSO** in a single uniform coat at temperatures between +5°C and +35°C substrate and ambient. Do not apply the product when inclement weather is forecasted or when the surface is subjected to night chill or excessive dew during the product curing period.

## CONSUMPTION

### IN ONE HAND

#### HORIZONTAL:

0.5 kg/m<sup>2</sup> in overlaying existing floor tiles.

1.0 kg/m<sup>2</sup> over cement blocks.

#### VERTICAL:

0.4 kg/m<sup>2</sup> in overlaying existing wall coverings.

0.8 kg/m<sup>2</sup> on cement block walls.

**Black colour contrasts with lighter colours of most common substrates generally found on building sites. This aids to a continuous and homogeneous coat application, in order to create a perfect waterproofing layer.**

## PACKAGING

5 - 10 - 20 kg buckets.



**Winkler Srl**

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