



ONE

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ONE

One Hundred Percent Solids Liquid Applied Waterproofing Membrane

DESCRIPTION OF THE PRODUCT

One-component liquid pigmented waterproofing, formulated so as to give peculiar characteristics of impermeability, and long-lasting protection for treated substrates. Specially designed to be applied in extreme conditions: low and high temperatures (from 0 ° C to + 45 ° C), damp, very damp or wet substrates. The product remains stable to thermal shocks.

USE FIELD

Cement-based screeds not completely seasoned (ex: 7 days at 15 ° C), concrete substrates, tiled balconies with permanent problems of excess humidity, tiles, metal surfaces in general, wood, brick, fiber-cement, bituminous membranes, oxidized, both smooth and slated. The product, when fully cured, is resistant to wear by even intense pedestrian passage and, thanks to its mechanical resistance, on rigid substrates (concrete and tiles) makes it possible to place chairs and tables. Once applied, after a few hours it is completely out of the rain (refer to the table below).

Once applied, eve after a short period of time, the product is rain-proofed, according to the time table provided.

Rain-Proof Time Table

Temperature of application	Rain-proofed in:
20°C	2 h
15°C	2 h 30 minutes
10°C	3 h
5°C	4 h
0°C	5 h

SURFACE PREPARATION

Thoroughly clean the substrate to be treated to remove: dust, crumbly parts, foreign or non-stick substances.

Before applying **ONE**, restore any missing volumes (from 2 to 20 mm), with **PRE-ONE**, a quick-setting premixed product, also applicable at low temperatures (0 ° C) and in case of humidity. After applying **PRE-ONE**, wait at least 12 hours before over-applying **ONE**.

To the best of our knowledge, the information contained in this prospectus are correct and accurate, but every recommendation and suggestion is given without any guarantees, as the using conditions are not under our direct control. It is advisable to always perform some preliminary tests.
Our company reserves the right to modify the products and the content of this document without any warning.
The present edition annuls and replaces any other previous edition.

IN CASE OF DOUBT PLEASE CONSULT OUR TECHNICAL SUPPORT

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TILED SURFACES:

To regularize the volumes of the joints and improve the finish, fill in a single coat with **ONE VERTICAL** (300 g/m²) using a smooth trowel. Wait at least 8 hours before applying **ONE**.

APPLICATION

Prepare the substrate to be treated as described in the paragraph "surface preparation".

Before applying, quickly mix the product. The product is ready to use and does not require a primer. Apply **ONE** with a short-haired roller, flat brush, metal spatula and airless pump (**LARIUS series ZEUS, DRAGON or THOR**). For further specifications, contact WINKLER technical office.

After thoroughly cleaning the surface to be treated, apply **ONE** (with a consumption of 400 g/m²) evenly.

Immediately spread **WITECHNO MAT** (70g/m² non-woven reinforcement) and drown it with another 600g/ m² of **ONE**.

Wait for the time required for the application of the 2nd coat (see temperature table) and complete the application with the remaining 700-900 g/m² provided.

The use of the bubble-breaker roller after the application of the second coat is always recommended.

In case of application over modified bituminous membranes, a period of at least 180 days oxidation is needed.

Curing Temperature Time Table:

Application temperature	Application of 2 nd coat	Walkability (after 2 nd coat)	Tables and chairs placement (after 2 nd coat)
20°C	After 12 h	24 h	36 h
15°C	After 12 h	24 h	36 h
10°C	After 18 h	24 h	48 h
5°C	After 24 h	36 h	60 h
0°C	After 24 h	48 h	72 h

APPLICATION WITH ACCESSORIES

For the correct realization of a waterproof system, apply the self-adhesive band BC SEAL PAD in the perimeter edges of the surface to be treated. For pipes, aerators, etc. use BC SEAL PAD, butyl adhesive square. In case the curing substrate is wet, apply a first coat of **ONE** and, once dried, apply **BC SEAL BAND** and **BC SEAL PAD**.

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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 **ONE** along each side of the joint and for a bigger width than the joint cover.
- Lay WINJOINT BAND immediately over the wet stripes of **ONE**, so that the perforated side of the band and the wet area will adhere.
- Once dried, completely cover the product with another coat.

WARNING

The product is ready to use so, DO NOT dilute it with water nor solvents.

TOOL MAINTENANCE

Clean tools with denatured ethyl alcohol if the product is still wet. Mechanically remove the product if already dry.

SURFACE CLEANING

If, with aging and use, a cleaning of the surface of **ONE** is needed, use a solution of water and denatured alcohol in a 1: 1 ratio.

CONSUMPTION

With interposition of WINTECHNO MAT 1.7-1.9 kg / m²

PACKAGING

1 kg pails
5 - 20 Kg buckets

COLOR

White-gray-red- terracotta

STORAGE

The product in its intact packaging and stored in a dry and protected place has a stability of 12 months. Store at temperatures between + 5 ° C and + 35 ° 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.

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ECOLOGY

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

TECHNICAL FEATURES OF WET PRODUCT

Appearance	Fluid paste
Colour	White, grey, red, terracotta
Specific weight at 20°C (g/cm³)	1.40 ± 0.05
Dry content (%)	98 ± 1
Brookfield viscosity at 20°C (Cps)	5,500 ± 200

PERFORMANCE OF THE PRODUCT IN OPERATION

Operating temperature	-30°C + 80°C
Weathering resistance	Excellent
Resistance to U.V. rays	Excellent
Low temperature flexibility (-26°C)	No break
Tensile strength (ASTM D 2370)	1,100 PSI – 7.5 N/mm²
Elongation at break (ASTM D 2370)	82%
Resistance to negative counter-pressure	4 bar
Resistance to positive pressure	6 bar
Water absorption after 24 h (%)	<0.1
Water absorption after 7 days (%)	<0.5
Permeability class	SD 1 (>0.5 <2)
Resistance to abrasion (TABER) grinder CS17 weight 1000 g per 1000 rounds	Loss in weight (%)= 0.06 (medium walkability)
Slip/Skid resistance of a surface: UNI EN 13036-4 The Pendulum test	PVT value 58
Application temperatures	From 0°C to +45°C

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Adhesion to support**Dynamometer meets UNI EN 1348-2000**

Adhesion to support (N/mm ²) after 14 days	
CONCRETE ¹	≥ 2.76
TILE ²	≥ 1.28
Adhesion to support (N/mm ²) after 14 days of water immersion	
CONCRETE ¹	≥ 2.20
TILE ²	≥ 1.08
Adhesion to support (N/mm ²) after 14 days of salted water immersion	
CONCRETE ¹	≥ 2.00
TILE ²	≥ 1.20

Adhesion to support (N/mm ²) after 14 days of pH2 water immersion	
CONCRETE ¹	≥ 1.84
TILE ²	≥ 1.22

Notes:

¹ Concrete delamination

² Tile break

PRODUCT FOR PROFESSIONAL ONLY

Product meets with prescriptions of 2003/53/CE Directive.