



winkler®
Advanced Building Material

ONE

ONE
FLOORING

ONE
VERTICAL

ONE
PRE-ONE



**A REVOLUTIONARY RANGE OF NEW GENERATION
WATERPROOFING AND PROTECTION
FOR EXTREME WEATHER CONDITIONS
AND WET SURFACES**



MADE IN ITALY SINCE 1987

Winkler SAFE

NEW RANGE

**1
ONE**

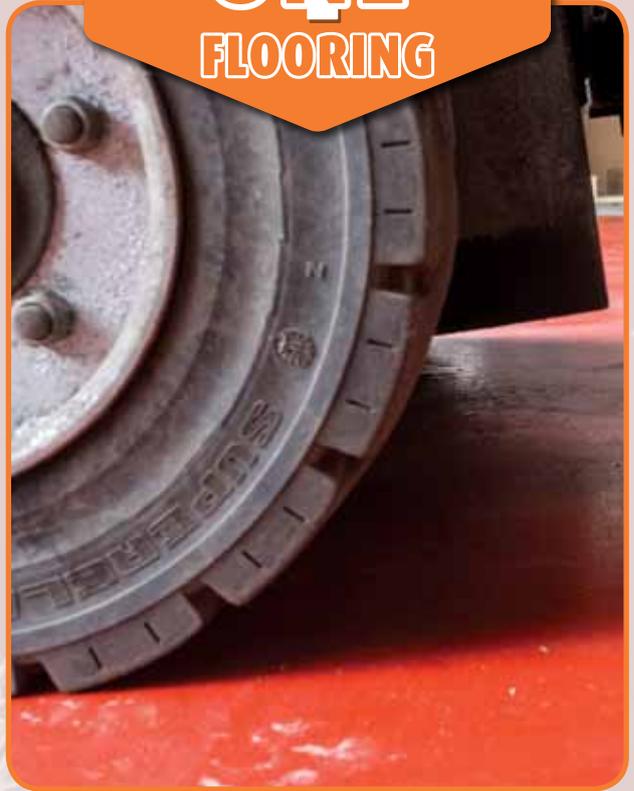
**WHEN OTHER WATERPROOFING PRODUCTS
CAN'T DO THE JOB, THERE'S ONLY
ONE WORLD CLASS SOLUTION FOR:**

- ▶ WATERPROOFING**
- ▶ PROTECTIVE COATINGS**
- ▶ REPAIRS**

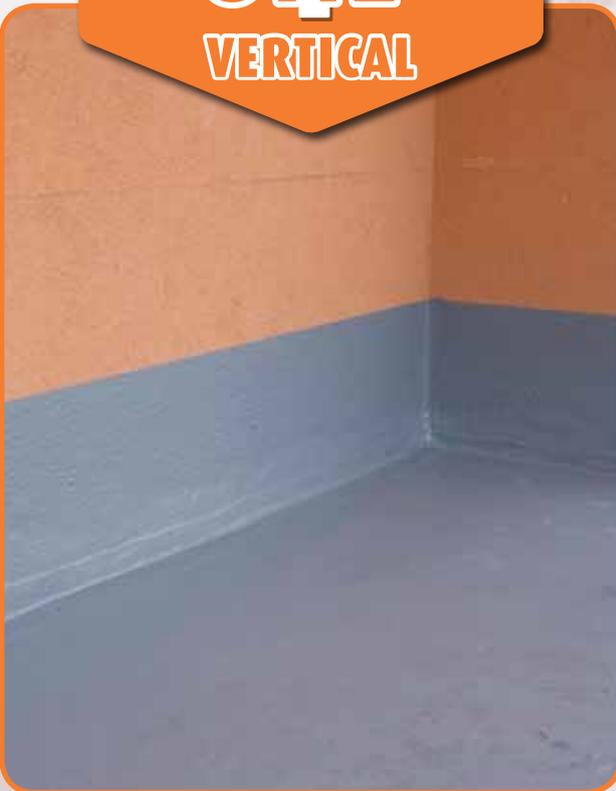
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ONE



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FLOORING



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VERTICAL



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ONE
PRE-ONE



**FROM THE WINKLER RESEARCH
AND DEVELOPMENT LABORATORIES
A FAMILY OF PRODUCTS PROVIDE
UNIQUE FEATURES, ADDRESSING
THE CHALLENGES OF PROFESSIONAL
CONTRACTORS AND OFFERING
GREAT SOLUTIONS TO MOST EXTREME
PROJECT CONDITIONS.**

► DAMP OR WET SUBSTRATES

► 0°C TEMPERATURE

► QUICK RAIN PROOFING

► EXCEPTIONAL RESISTANCE

 **ONE**

Very high resistance, coloured waterproofing liquid membrane

 **ONE FLOORING**

Waterproofing and protective coating for flooring, ideal for vehicle access and heavy traffic

 **ONE VERTICAL**

Coloured liquid waterproofing membrane for vertical applications

 **PRE-ONE**

High performance premix product for repairing foundations

ONE

PRODUCT DESCRIPTION

ONE is a high resistance coloured liquid applied waterproofing membrane, specifically developed for applications under extreme weather conditions, on damp or wet substrates and at very low temperatures. It allows vapour transfer, while ensuring exceptional negative hydrostatic pressure resistance of up to 4 atm.

FEATURES

ONE is an innovative one hundred percent solid product, with high resistance to thermal shocks. It was formulated to provide a superior waterproofing solution in circumstances where other products cannot perform. It allows quick drying times even in extreme conditions (from 0°C to +45°C). It can be applied over concrete screeds, even if not completely cured (7 days at +15°C), ceramic tile flooring with excess moisture problems, roof tiles, wood, metal and on oxidized modified bitumen membranes, also slated.

After full curing, **ONE** is foot traffic resistant and when applied over hard substrates such as concrete or ceramic floor tiles, bears patio furniture.



TECHNICAL FEATURES

"RAIN PROOFING" TIME TABLE

TEMPERATURE OF APPLICATION	RAIN-PROOFED IN
+20°C	2 hrs
+15°C	2 hr 30 mins
+10°C	3 hrs
+5°C	4 hrs
0°C	5 hrs



APPEARANCE	FLUID PASTE
COLOUR	WHITE-GREY-RED-TERRACOTTA RED
APPLICATION TEMPERATURE RANGE	FROM 0°C TO +45°C
OPERATING TEMPERATURE RANGE	FROM -30°C TO +80°C
WEATHERING RESISTANCE	EXCELLENT
RESISTANCE TO UV RAYS	EXCELLENT
PERMEABILITY CLASS	SD 1 (>0.5 <2)
RESISTANCE TO NEGATIVE COUNTER-PRESSURE	4 bar
RESISTANCE TO POSITIVE PRESSURE	6 bar



APPLICATION

Apply **ONE** by brush, a short-haired roller or an airless spray gun (contact our technical support for the specifications of the spray system), over clean, undamaged substrates, free from foreign or non-stick substances. Apply it in uniform layer (for a consumption of 400g/m²). Immediately lay ONE MAT (90g/m² Non-woven Reinforcement) using a spiked roller and soak it with another layer of product with a consumption of 700-900g/m². After such step is always advisable using a spiked roller, over the wet base. Wait the time needed before applying the second coat (see RAIN PROOFING TIMETABLE) and complete the application with the remaining 600-700 g/m² of the total expected consumption.



APPLICATION TIPS

In case of water stagnation on irregular surfaces, it is strongly advised to remove the water and wipe the surface of possible debris prior to the application, as this could prevent or inhibit the adhesion. Use all accessories provided for a successful treatment: **BC SEAL BAND** reinforcement tape for corners and edges; **BC SEAL PAD** self-adhesive waterproof square pad for drain openings, pipes, vents and other protruding parts; **WINJOINT BAND** waterproof and elastic joint cover strip. For joints, use the sealing system composed by **WINJOINT FOAM**, **WINJOINT SEAL** and **WINJOINT BAND**. Before applying **ONE**, restore the joints (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**. For making a new screed, use **WINPLAN 370**, a quick-drying screed or **WINPLAN PRO**, a quick-drying screed with low water absorption. In case of tiled substrates, to regularize the volumes of the joints and improve the finishing layer, fill in a single coat with **ONE VERTICAL** (300 g/m²) using a smooth trowel. Wait at least 8 hours before applying **ONE**.



CONSUMPTION

1.7-1.9kg/m² in two layers, with **ONE MAT** inserted in between.

STORAGE

The product in its undamaged packaging and in a dry and protected place, can be stored for 12 months. Store at temperatures between +5°C and +35°C.

PACKAGING

1kg cans (15 pcs per box).

5kg - 20kg buckets.

COLOURS

White-Grey-Red-Terracotta Red.



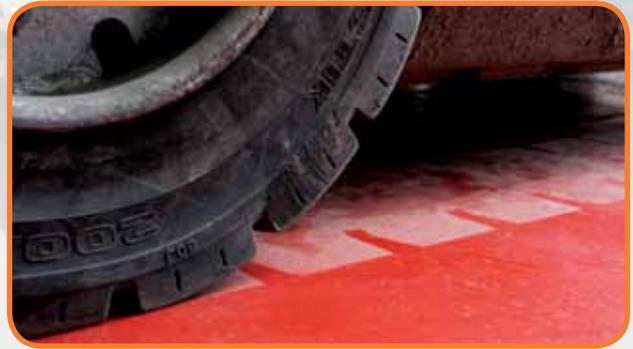
ONE FLOORING

PRODUCT DESCRIPTION

One component, waterproofing and protective, coloured liquid applied membrane, that provides excellent and long-lasting resistance to traffic. Developed for both indoor and outdoor applications, and extreme weather conditions (from 0°C to +45°C) over damp or wet substrates. This product has a high resistance to thermal shock.

FEATURES

This product is especially recommended for waterproofing and protecting flooring subject to large stress due to heavy wheeled traffic. Ideal for damp or wet surfaces, it also provides excellent resistance to counter-pressure (4 bars). It can be applied on industrial flooring, concrete, existing and asphalt flooring, as long as compact and with good mechanical resistances (>0.5N/mm²).



TECHNICAL FEATURES

OPERATING TEMPERATURE RANGE	FROM -50°C TO +80°C
FLEXIBILITY AT LOW TEMPERATURES (-26°C)	NO BREAK
TENSILE STRENGTH (ASTM D2370)	1100 psi - 7.5 N/mm ²
RESISTANCE TO INDENTATION CARRIED OUT WITH SHORE D DUROMETER (ASTM D 2240/DIN 53505/ISO/R 868)	60
SLIP/SKID RESISTANCE OF A SURFACE: UNI EN 13036-4 PENDULUM TEST METHOD	DRY FOUNDATION: 73 (Required: 40) WET FOUNDATION: 60 (Required: 55)
IMPACT TEST CRACK RESISTANCE ASTM D2794 ISO 6272-1 ISO 6272-2	EXCELLENT
APPLICATION TEMPERATURE RANGE	FROM 0°C TO +45°C
ADHESION TO SUBSTRATE (N/mm²) after 14 days	
ADHESION TO CONCRETE ¹	≥ 2.76
ADHESION TO TILED SUBSTRATE ²	≥ 1.28
ADHESION TO ASPHALT ³	≥ 1.8

Note:

1 Concrete delamination

2 Tile breaking

3 Asphalt delamination

APPLICATION

Clean properly the surfaces to be treated to eliminate foreign or anti-stick substances. On substrates polluted by oils, it is advisable to remove at least 2 mm of the surface and immediately apply **ONE PRIMER** (see technical sheet), with immediate scattering of quartz 01-05. After 24 hours, restore the missing thickness with **PRE-ONE**, **UNIBAR SL** or **UNIBAR MALTA** (at temperatures of at least +5°C). If the substrate is irregular or cracked, use **PRE-ONE** as plaster to regularize the surface. After applying **PRE-ONE** wait for 12 hours before overapplying any other product. Use **UNIBAR SL** or **UNIBAR CEMENT** (at temperatures of at least +5°C), if the cracks are wide. For making a new screed, use **WINPLAN 370**, a quick-drying screed or **WINPLAN PRO**, a quick-drying screed with low water absorption. **ONE FLOORING** is ready for use and does not need a primer. Mix the product quickly before using it. Apply **ONE FLOORING** with a short-haired roller, smooth trowel or airless spray gun, with a consumption of 350- 400g/m². Wait for the time indicated on technical data sheet, then apply the second coat, always with roller or metal trowel, for a rate of 1.1-1.2 kg/m². Wait for the time indicated on technical data sheet, then apply the finishing coat, always with roller or metal trowel, for a rate of 300 g/m². In case of application on substrates subject to movements, such as for example tiled foundations, apply the product as described below: after carefully cleaning the surface to be treated, regularize the volume of the joints with **ONE VERTICAL** (300g/m²), using a smooth trowel. After at least 8 hours, apply **ONE FLOORING** with **ONE MAT** (90g/m² Non-woven Reinforcement) inserted in between, as indicated on technical data sheet.



APPLICATION TIPS

We always recommend the use of spiked roller after the application of the second coat. In order to obtain the finest finish, apply the finish coat of product with a short-haired roller in horizontal and vertical strokes. Joints should always be treated with the sealing system composed by **WINJOINT FOAM**, **WINJOINT SEAL**. Restore them if needed, before applying **ONE FLOORING**.

CONSUMPTION

1.7 - 1.9 kg/m² without reinforcement.

1.8 - 1.9 kg/m² with **ONE MAT**, inserted in between.

STORAGE

The product in its undamaged packaging and in a dry and protected place, can be stored for 12 months. Store at temperatures between +5°C and +35°C.

PACKAGING

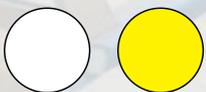
10kg - 20kg buckets

COLOURS

Grey-Light Grey-Red-Green.



For signage: White - Yellow.



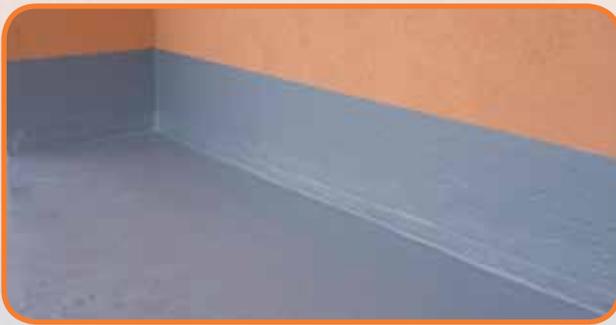
ONE VERTICAL

PRODUCT DESCRIPTION

ONE VERTICAL is a colored, waterproofing liquid membrane formulated for vertical applications on damp, very damp or wet substrates, even at extreme temperatures (from 0°C to +45°C).

FEATURES

This product can be applied, in combination with the **ONE** range, for protecting and waterproofing vertical substrates, including concrete, plaster, ceramic tiles, brickwork, and fibre cement, with permanent excess damp problems. It is resistant to thermal shock, to counter-pressure (4 bar) and once applied it gets completely rain proof in a few hours (refer to table show below).



TECHNICAL FEATURES

“RAIN PROOFING” TIMETABLE

TEMPERATURE OF APPLICATION	RAIN-PROOFED IN
+20°C	2 hrs
+15°C	2 hr 30 mins
+10°C	3 hrs
+5°C	4 hrs
0°C	5 hrs

APPEARANCE	LIQUID PASTE
COLOUR	WHITE - LIGHT GREY - GREY - RED - TERRACOTTA RED - GREEN
SPECIFIC WEIGHT AT +20°C (g/cm ³)	1.40 ± 0.05
DRY CONTENT (%)	98 ± 1
BROOKFIELD RESIDUE AT +20°C (cPs)	22500 ± 500
OPERATING TEMPERATURE RANGE	FROM -50°C TO +80°C
FLEXIBILITY AT LOW TEMPERATURES (-26°C)	NO BREAK
TENSILE STRENGTH (ASTM D2370)	1100 psi - 7.5 N/mm ²
RESISTANCE TO NEGATIVE COUNTER-PRESSURE	4 bar
RESISTANCE TO POSITIVE PRESSURE	6 bar
WATER ABSORPTION AT 24 h (%)	< 0.1
WATER ABSORPTION AT 7 days	< 0.4

APPLICATION

Substrates must be smooth, cleaned and free from loose or other foreign or bonding-proof substances. Before applying, quickly mix the product. The product is ready for use and does not require the use of a primer. It can be applied with brush, short pile roller or airless pump. (contact the technical office for spraying system specifications).



APPLICATION TIPS

Apply the product in a single layer, taking care not to leave gaps. Any holes or missing volume (from 2 to 20 mm) must be filled in with **PRE-ONE** quick-setting premixed mortar, also applicable at low temperatures (0°C) and in damp conditions. After applying **PRE-ONE**, wait at least 12 hours before overapplying any other product.



CONSUMPTION

350-400 g/m² in one coat.

STORAGE

The product in its undamaged packaging and in a dry and protected place, can be stored for 12 months. Store at temperatures between +5°C and +35°C.

PACKAGING

5kg - 20kg buckets.

COLOURS

White - Light Grey - Grey - Red - Terracotta Red - Green.



ONE

PRE-ONE

PRODUCT DESCRIPTION

One component, quick-setting and controlled shrinkage, thixotropic mortar, specifically developed for very damp foundations and extreme temperatures (from 0° to +45°C).

FEATURES

Product used for quick restoration of concrete foundations, cementitious screeds, brickwork, and plastered walling, before laying **ONE**, **ONE VERTICAL** and **ONE FLOORING**. It can be applied at thickness from 2 to 20 mm, also in a single coat. Its special formulation allows setting even at extreme temperatures and in case of strong humidity.



TECHNICAL FEATURES

APPEARANCE	POWDER
COLOUR	GREY
MIXING WATER PER 25 KG BAG	4.75 L
COMPRESSIVE STRENGTH (EN 12190) (MPa)	> 20 (after 28 days at +20°C)
FLEXURAL STRENGTH (EN 12190) (MPa)	> 1.5 (after 28 days at +20°C)
DENSITY OF MIXTURE (EN 12350-6)	1.85 ± 5 g/cm ³
FIRE REACTION (EUROCLASS)	A1
POT-LIFE AT +20°C	10'-15'
ADHESION TO CONCRETE (EN 1542) (MPa)	>1.8 (after 28 days)

APPLICATION

Apply with trowel or smooth spatula, on clean substrates, free from loose parts, oils, grease and anti-stick substances. Mix well, until reaching a homogeneous mixture.



APPLICATION TIPS

File **PRE-ONE** substrate and remove dust before any subsequent layer. Wait 12 hours before overapplying any other product.

CONSUMI

1.7 kg/m² per mm of thickness.

STOCCAGGIO

This product, in its undamaged packaging and kept in a cool and dry place, can be stored for 12 months. Store at temperatures between +5°C and +35°C.

CONFEZIONI

25kg - 15kg bags.

COLOURS

Grey.





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