

PRODUCT NATURE

Single component coloured fluid applied waterproofing membrane, specifically developed for applications under extreme conditions, such as conditions of thermal shock with temperatures range from 0°C to +45°C, over sloped or vertical substrates containing damp or wet surfaces. **ONE VERTICAL** is U.V. resistant and provides excellent waterproofing protection to a variety of substrates.

FIELDS OF USE

Vertical walls: plaster, concrete, brick, fibre cement, metal and ceramic coatings even those with permanent problems of excess damp.

ONE VERTICAL is a fast curing product that tolerates precipitations in a short period of time after its application. The product becomes rain-proofed, although not fully cured, according to the Rain-Proof Time Table provided.

Rain-Proof Time Table

20°C	2 hrs
15°C	2hrs 30 minutes
10°C	3 hrs
5°C	4 hrs
0°C	5 hrs

SURFACE PREPARATION

Clean all substrate surfaces thoroughly to eliminate dirt, dust, and loose materials, any form of oil or grease and foreign or bonding-proof matter. The substrate shall be sound and cohesive.

Any holes (from 2 to 20 mm), shall be repaired with **PRE-ONE** (fast-setting thixotropic mortar) using a trowel or smooth putty knife. Apply and cure **PRE-ONE** at temperatures between 0°C and +45°C. Allow to cure least 12 hours. Follow instructions contained in the most recent product's TDS.

APPLICATION

Mix the product quickly prior to using. **ONE VERTICAL** is ready for use and does not need primer or protective topcoat. Apply **ONE VERTICAL** with a metal putty knife (even surfaces), flat brush or short pile roller. Apply the product in a single coat, covering the substrate completely with no gaps.



ONE VERTICAL

Art. Code. see DDT

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CAUTIONS

The product is ready for use and must not be diluted with water or solvent.

USAGE

350 - 400 g/m² in single coat

PACKAGING

5 kg pail

20 kg pail

TOOL & SURFACE CLEANING

Clean fresh product with denatured ethyl alcohol. Remove dry product mechanically. For surface cleaning use a solution of water and denatured alcohol in 1:1 ratio.

COLOURS

White, light grey, grey, red, terracotta, green

STORAGE

Product can be stored in a dry and sheltered place at temperatures between +5°C and +35°C for 12 months in its complete and undamaged packaging.

SAFETY REGULATIONS

PRECAUTIONS

For information regarding safety regulations, the user must refer to the most recent Safety Sheet, issued in compliance with the regulations in force, containing the physical and toxicological information and other information related to the product being used.

ECOLOGY

Do not dispose of the product and/or empty containers into the environment. Consult the most recent Safety Sheet for further information regarding any waste disposal.

CHARACTERISTICS DATA OF FRESH PRODUCT

Appearance	Liquid paste
Colours	White, light grey, grey, red, terracotta, green
Specific Weight At 20°C (g/cm³)	1.40 ± 0.05
Dry Residue (%)	98 ± 1
Brookfield Viscosity At 20°C (CPS)	22500 ± 500

The technical sheet is issued on the basis of our best practical technical expertise, and is purely indicative. Not being able however to intervene directly in the conditions of work sites and the execution of works, this represents general indications that are not binding for **WINKLER**. The information provided does not mean that the customer is exempt from their responsibility to personally test our products regarding their suitability for the intended use.

The customer is also required to check that this technical data sheet is valid for the product batch of interest to them and is not superseded as in the case of replacement by subsequent editions. If you have any queries first contact our Technical Office. **WINKLER** reserves the right to make technical changes of any kind without any prior warning.
This revision cancels and replaces any other previous revision.

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PERFORMANCE DATA OF HARDENED PRODUCT

Operating Temperature	FROM -50°C TO +80°C
Resistance to Atmospheric Agents	Excellent
Resistance To U.V Rays.	Excellent
Flexibility at low temperatures (ASTM D 522) before accelerated weathering	
Temperature (°C)	Rupture (yes/no)
-26	No
Flexibility at low temperatures (ASTM D522) after 1000 hrs of accelerated weathering (ASTM D 4798) QUV machine: Accelerate Weathering Tester. Model QUV spry	
Temperature (°C)	Rupture (yes/no)
-26	No
Tensile Strength (ASTM D2370)	1100 PSI – 7.5 N/mm ²
Elongation At Breaking point (ASTM D2370)	60%
Elongation at Breaking point after 1000 hrs of Accelerated weathering	47%
Resistance To Negative Counterforce	4 BARS
Resistance to Positive Thrust	6 BARS
Water Absorption (ASTM D 471) AT 24 hrs (%)	< 0.1
Water Absorption (ASTM D 471) AT 7days (%)	< 0.5
Permeability Classification	SD 1 (>0.5 <1)
Application Temperature	FROM 0°C TO + 45°C

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Adhesion to base
Standardised dynamometer UNI EN 1348-2000

ADHESION TO THE BASE (N/mm²) At 14 days

Adhesion to concrete base¹	≥ 2.60
Adhesion to tile base²	≥ 1.25
Adhesion to base (N/mm²) after immersion in water at 14days	
Adhesion to concrete base¹	≥ 2.0
Adhesion to tile base²	≥ 1.10
Adhesion to base (n/mm²) after immersion in ph2 water at 14days	
Adhesion to concrete base¹	≥ 1.80
Adhesion to tile base²	≥ 1.25
Adhesion to Metal (N/mm²)	≥ 2

Note:

¹ Concrete delamination

² Tile breaking