



PROTECTIONALL®

CLEAR MATT PROTECTION



PRODUCT DESCRIPTION

PROTECTIONALL® is a high performance, single pack, clear, water-based varnish based on acrylic and polyurethane resins.

Designed specifically for the protection of porous surfaces, PROTECTIONALL® provides strong protection against mechanical and chemical damage (detergents, hot oil, wine, etc.).

BASIC USES

- Any porous surface: Tiles, Wood, Cement, Concrete, Stone etc.
- Floors**, Panelling, Shelves, Furniture, Worktops, Walls etc.
- Matt painted surfaces.

**See Restrictions.

PROPERTIES

- Hardwearing.
- Colourless.
- Odourless.
- Resistant to light – Non-yellowing.
- Non-slip.
- All porous surfaces*.

*See Restrictions.

FINISH	SIZES	USAGE
Matt	1L	Interior

TECHNICAL DATA

Vehicle Type	Acrylic polyurethane resins
Solvent Type	Water
pH	8 ±0.5
Specific Gravity	At 20°C (68°F): 1.04 ±0.05
Viscosity	CF4: 25" ±7
Solid Content	32% ±2%
Gloss Level at 60°	Matt: 15% ±5% GU
Flash Point	Not Classed as flammable.
Shelf Life	1 year minimum in original unopened packaging.
VOC	EU limit for this product (cat i): 140g/l (2010). This product contains max 130g/l.
Application Tools	Synthetic Brush, Roller.
Dilution	Use as is. Do not dilute.
Coverage	10 to 12m ² (107 to 129ft ²) per litre per coat. Actual coverage will vary depending on application method, type, texture, age and porosity of the surface.
Drying Times	Dust free: 1 hour. Touch dry: 3 to 4 hours. Sandable: 4 hours. Recoat: 4 to 12 hours. Dry: 24 hours. Full hardness: 2 weeks.
Clean-up	Soap and water.
Storage	Close lid tightly after use and store in original container. Keep from freezing and high temperatures.

GOOD APPLICATION PRACTICE

Surfaces MUST be porous. If in doubt conduct water drop test.
All surfaces must have a moisture content of 15% or less.
Do not apply at an ambient air and surface temperature of less than 10°C (50°F) or greater than 25°C (77°F).
Protect everything you do not wish to coat.
Never stop application in the middle of a surface. Always work to a logical break.
On vertical panelling work from top to bottom.

SURFACE PREPARATION

General Directions:

Surfaces must be clean, dry and free of dirt, dust, grease and any other surface contamination.
Clean and remove any stains. Any stains not removed and coated with PROTECTIONALL® will be permanently fixed.
Painted surfaces must be in good condition.

Wooden Surfaces (Not Floors**):

Sand with 80 or 120 grit abrasive.
Remove all sanding dust.
Wipe over with a Tack Cloth or cloth soaked in Methylated Spirits (Denatured Alcohol) to remove any remaining sanding residue.

Painted Surfaces:

Clean painted surfaces with SOAPCLEAN* or similar product, rinse and allow to dry.
Matt Finish: Abrade surface with fine grade (120 grit) sandpaper. Dust off.
Satin Finish: PROTECTIONALL® may only be applied to a poor-quality satin paint or a satin paint in very poor condition. Abrade surface with fine grade (120 grit) sandpaper. Dust off.
Gloss or Washable Finish: DO NOT use PROTECTIONALL®.

Tile and Stone Surfaces:

Clean surfaces with SOAPCLEAN* or similar product, rinse and allow to dry completely.
Check moisture content with a suitable moisture metre.

Cement and Concrete Surfaces:

New Cement and Concrete: Allow to dry out a minimum of 3 months.
All new or unfinished cement and concrete should be suitably prepared and the alkalinity neutralised.
Ensure surface is completely dry.
Check moisture content with a suitable moisture metre.
Note: Polished or Power Floated concrete surfaces (floors, worktops etc.) should be Diamond Ground, Shot Blasted or Acid Etched prior to applying PROTECTIONALL®.

APPLICATION

Use as is. Do not dilute.
Stir PROTECTIONALL® thoroughly and gently. **Do not shake.**
Start at the edges, then do the remaining surface, working in areas of no more than 2m x 2m.
Always maintain a wet edge to avoid overlaps.
Apply an even coat of PROTECTIONALL®. Do 3 criss-cross passes in one application, always finishing in the direction of the grain.
Allow to dry.
Sand surface with fine grade abrasive (150 to 180 grit). Thoroughly dust off.
Apply 2nd coat of PROTECTIONALL®. Do not leave more than 12 hours between application of the 1st and 2nd coat and any subsequent coats.

Very Porous Surfaces:

Apply a 3rd coat following directions above.

Exposed Surfaces e.g. Worktops, Table Top, Splashback....

Apply 3 to 4 coats depending on use, following directions above.

Wait a minimum of 48 hours after finishing before replacing any furniture or heavy objects.
Do not cover the treated surface for at least 14 days after application.

MAINTENANCE

Renewal of PROTECTIONALL®. Normally every 5 to 10 years as required.
Clean surface with SOAPCLEAN* or similar product to remove all traces of wax, grease, dirt and any other surface contamination.
Sand surface with fine grade abrasive (150 to 180 grit). Thoroughly dust off.
Apply one coat of PROTECTIONALL®.

RESTRICTIONS

Suitable for stone, cement and tiled flooring. For wooden floors use VEGAFLOOR*.

SAFETY

Refer to the safety data sheet (SDS) available at www.owatrol.com and the text on the label. Keep out of the reach of children.

*Same Manufacturer. *Refer to the TDS.

This Technical Data sheet cancels and replaces any previous Technical Data sheet for the same product. Its purpose is to inform the user about the product. The information contained within this Technical Data sheet is based on our current knowledge. However, the information contained within this document cannot replace a specification appropriate to the nature and conditions of the substrate to be coated. Due to ongoing technical advances, it is the responsibility of the user to establish that this document has not been superseded by a more recent edition. The information contained within this document is for guidance only and the manufacturer is unable to guarantee or accept responsibility for the results as it has no control over the conditions under which its products are applied.

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