

## TECHNICAL DATA SHEET

EDITION: MARCH 2025  
E356 | **POLACRYL 356**  
REPLACES ALL EARLIER VERSIONS

wood & stone  
varnishes

E

# POLACRYL 356

economical acrylic stone varnish,  
colourless

- protects and enhances stone
- non yellowing over time
- strongly adhesive & impregnating

Acrylic based varnish for stone. Ideal for flagstones, fire bricks, roof tiles, ceramic tiles, mosaics, ceiling trims, porous stone, non-absorbent stones, etc. Penetrates in depth, waterproofs and stabilises absorbent surfaces (porous stone-bricks), offering exceptional resistance to chemical and mechanical stresses. Highly resistant to water and alkali. Easy to apply. High gloss finish with excellent durability. Enhances the natural colours in the stone protecting the surface against humidity and preventing stains from being absorbed into the pores of the stone. Non-yellowing over time, ideal for indoor and outdoor use.



## TECHNICAL CHARACTERISTICS

| TYPE  | ACRYLIC RESIN |                             |
|---|---------------|-----------------------------|
| SPECIFIC GRAVITY                                | TRANSPARENT   | 0,90 ±0,05g/cm <sup>3</sup> |
| SOLIDS w/w (ISO 3251-03)                        |               | 27±2 %                      |
| VISCOSITY (DIN 53211-70/4mm @ 20°C)             |               | 30±5 sec                    |
| APPLICATION VISCOSITY (DIN 53211-70/4mm @ 20°C) |               | 25±5 sec                    |
| YELLOWNESS INDEX (ASTM E 313-98)                |               | ≤ 13                        |
| GLOSS (20°) (ISO 2813-99)                       |               | 90±5                        |
| GLOSS (60°) (ISO 2813-99)                       |               | 100±5                       |
| APPLICATION TEMPERATURE                         |               | min 5°C-max 30°C            |

|                                    |  |
|------------------------------------|--|
| <b>COVERAGE</b>                    | 6±2m <sup>2</sup> /L                   |
| <b>FINISH</b>                      | HIGH GLOSS                             |
| <b>THINNING</b>                    | 0-10% THINNER 135                      |
| <b>DRYING TIME</b>                 | 1 hour*                                |
| <b>RECOATING TIME</b>              | 2-3 hours*                             |
| <b>RECOMMENDED NUMBER OF COATS</b> | 2-3 coats                              |
| <b>TOOLS</b>                       | roller, brush or airless paint sprayer |

\* Lower temperatures or higher relative humidity will prolong drying and recoating times.

## DIRECTIVE 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/h: Binding primers): 750 g/L (2010). This product contains max: 749 g/L VOC.

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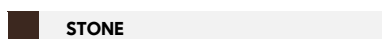


### SURFACE PREPARATION

Surfaces must be clean, free of resins, oil, old weathered coatings and dust. Sand surface smooth using the right sandpaper for the task.

- ▶ **New and old stone:**  
Apply 2-3 coats of POLACRYL 356 depending on the absorbency of the stone.
- ▶ **Old stone with mildew, insects, algae:**  
Remove weathered coats, sand and remove sanding residue. Wait for 24 hours (until the surface is completely dry) and apply 2-3 coats of POLACRYL 356 depending on the absorbency of the stone.

### INTENDED USE



### APPLICATION

- ▶ Ready to use.
- ▶ The number of coats depends on the desired gloss and resistance to mechanical stress.
- ▶ Lower temperatures or higher relative humidity will prolong drying and recoating times.
- ▶ Shake or stir well before use.
- ▶ Weathered surfaces (e.g. porous stone, plaster) requiring stabilization: apply the next coat as soon as the previous one is absorbed.

### USEFUL INFORMATION

- ▶ POLACRYL 356 deeply penetrates the surface and seals it (1-3mm, depending on its porosity).
- ▶ Not recommended for walking surfaces. For stone flooring subject to mechanical stress, the use of POLACRYL 302 is recommended.

### PACKAGING

- ▶ Available in transparent. Containers of 750ml and 2.5L.

### STORAGE

Two (2) years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

### CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean immediately after use with THINNER 135. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

### HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.

