

TECHNICAL DATA SHEET

STONE

PRODUCT DESCRIPTION

One component water-based coating, based on polyurethane resins, specially formulated for **wooden floors and parquet coatings**. Non-flammable and is practically odourless.



ES-EU/044/00002

- Complies with the EU ECOLABEL.
- Classified according to the legislation for Indoor Air with A +



PRODUCT DESCRIPTION

- **Easy application by brush and roller, (homogeneous nuanced).**
- **Excellent resistance to abrasion.**
- **Excellent chemical resistance to household products (DIN 68861 P.1, class 1B).**
- **Good resistance to friction, scratches, and hell marks.**
- **Resistance to yellowing.**
- **Slip coefficient suitable for sports centres.**
- **No NMP.**
- **Very low tendency to green in oak.**
- Low odour during the varnishing.
- Working tools cleaning with water.

CHARACTERISTICS

Viscosity Ford Cup N°4	20-30"
Density	1,03 gr/cm ³
Solids	34%
pH-	7.8
Taber abrasion resistance (PE-28, wear after 25 c.)	10mg excellent
Appearance at the packaging	Milky liquid.
Slip coefficient (EN14904, sport centres)	100 (satisfactory)
Dry film appearance	Transparent.
Stability without opening the packaging (protect from frost)	At least 6 months
Efficiency	10-15 m ² /l
Drying times (100 g/m ² to 20°C and 60% H. R)	
Dry powder	30 min
Dry feel	60 min
Sanding	4 hours
Overvarnishing	>4 hours

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APPLICATION

Support and preparation:

Wood previously sanded and conveniently cleaned from dirt. The direct application on **STONE** on wood is possible, even in tannin-rich wood (example: oak). Optionally it can be applied a prior application of a first hand of water-based **PRIMER CLASS** or **PRIMER PLUS** basecoats, with a better sanding. We recommend using wood types whose results are fully contrasted. Market introductions of new types of wood require previous trials so we can validate them for those necessities.

Application:

The coating is supplied at the application viscosity. It should be tempered before application (20°C). In case you want to dilute, use Thinner H-100 or distilled water. Apply 2-3 coats of 100-120 g/m² making sandings between coats with fine grit sandpaper (>220). A practical varnishing process and with high performance application would consist of application of a first layer or first few layers as one component and a final layer as a two components layer.

Drying:

Ventilation is recommended at the place of application to facilitate the evaporation water, avoid super saturation and facilitate the drying. For optimum coating quality (both aesthetically and physico-chemical properties) it is necessary to control the temperature during application and drying to keep a 15°-30°C and relative humidity below 70%. After applying the last coat allow at least 48 hours for optimal scratch resistance.

OBSERVATIONS:

ELITE STONE combines the advantages of water-based coatings (low odour, low solvent content) with excellent performances. It comes in the following degrees of glosses:

Matt:	STONE MATT
Satin:	STONE SATIN
Gloss:	STONE GLOSS

Possible to use it as two components. In that case, mix with 10% with HARDENER SK and 10% of demineralised water.