

STONE

PRODUCT DESCRIPTION

One component water-based coating, based on polyurethane resins, specially formulated for **wooden floors and parquet coating**. 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.**
- **Excellent resistance to abrasion.**
- **Excellent chemical resistance to household products (DIN 68861 P.1, class 1B).**
- **Good resistance to friction, scratches and heel marks.**
- **Resistance to yellowing.**
- **Slip coefficient suitable for sports centres.**
- **No NMP.**
- **Low odour during application.**
- **Application equipment may be cleaned with water.**

CARACTERISTICS

Viscosity Ford Cup N°4	20-30"
Density	1,03 g/cm ³
Solids	34%
pH-	7.8
Taber abrasion resistance (PE-28, wear after 25 c.)	10mg excellent
Appearance in the container	Milky liquid.
Slip coefficient (EN14904, sport centres)	100 (satisfactory)
Dry film appearance	Transparent
Shelf life of unopened material (protect from frost)	At least 6 months
Coverage	10-15 m ² /l
Drying times (100 g/m ² to 20°C and 60% RH)	
Dust Dry	30 min
Touch Dry	60 min
Sanding	4 hours
Over Coating	>4 hours

Instructions included in this technical data sheet and its advices have been got from our own experiences and they should be taken as guidelines, with no commitment from us. Values shown in this technical data sheet are only a reference and must not be considered as strict. The customer can and should check the goods provided by us, verifying they are right and valid for their offered purposes. It is completely out of our control the correct application of the product as well as its adequate use, variable working circumstances, etc, so this means the customer is responsible for them. This stated, we completely guarantee the quality of our products, as a consequence of our sales and delivery commitments previously established..

APPLICATION

Substrate and preparation:

Wood previously sanded and cleaned from dirt and dust deposits. The direct application on **STONE** on wood is possible, even in tannin-rich woods (example: Oak). Optionally it can be applied onto a prior application of a first coat of water-based **PRIMER CLASS** or **PRIMER PLUS** base-coats, after a good sand. We recommend using wood types whose flooring results are fully tested. Market introductions of new types of wood require trials so we can validate them for this type of coating application.

Application:

The coating is supplied ready for use at the correct application viscosity. It should be acclimatised to indoor conditions before application (20°C). In cases where dilution is required, use Thinner H-100 or distilled water. Apply 2-3 coats of 100-120 g/m² sanding between coats with fine grit sandpaper (>220g). A practical coating process and with high performance application would consist of: application of a first layer or first few layers as one component and then a final layer with the coating as a two components layer.

Drying:

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

It is possible to use it as a two component coating. In that instance, it must be mixed with 10% HARDENER SK and 10% of demineralised water.