

B490 FLOOR VARNISH

Description	One component acrylic varnish with filters against UV radiation. Suitable for waterproofing, maintenance, preservation and enhancement of surfaces made of cement and stamped concrete. It presents high resistance to salt, to extreme weather conditions, in temperature changes (frost-heat). Increases surface stability and durability of the surface shade It creates a clear, non yellowing protective layer, without peeling off.	
Technical Information	Shade	Transparent
	Gloss	Glossy, mat
	Specific Weight	0.90 kg/lit
	Theoretical Coverage	5-10 m ² /lit
	Solids	35% by weight
	VOC	665 g/lit
	Ready to use (+20% thinner): 706 g/lit	
Drying Time (25°C)	Dust Free	5 min
	Touch Dry	30 min
	Recoating	2 hrs
	Full drying	24 hrs
	<i>(The above times are indicative and depend on the thinning percentage, moisture and temperature)</i>	
Surface preparation	Surface must be dry and clean, free from any frail pieces, dust, dirt, funguses and any previous coating remains, sheltered from the rear moisture attack. In case of a new cement surface, it is important to wait a month after the ending of the construction in order for the cement to be treated properly. Old layers that are loose or detached should be removed by mechanical means.	
Application	Applied with roller or brush in one or two fine layers after thinning 0-20% with thinners 1120 or 1015 or 2540. It is necessary to allow at least 48 hours to dry before any contact with water or intense humidity. If the surface to be applied has higher levels of moisture than the recommended (4%), the surface may became haze, with loss of gloss, detachment, flaking or cracking. Rising moisture may create problems in the coated surface in the future like haze or detachment – flaking. An application of an impregnating coating is preferable to an application of a thick coating which must be avoided in order to avoid a thick film formation that may cause detachment, flaking or cracking in the future. Application under intense sunshine or high temperature must be avoided. If applied in high temperatures or/and in case of thick layer applied (for example in the joints), bubbles may appear in the surface. The problem can be solved with the dilution of the product B490 with slow drying thinner (2540), and/or with the application of multiple thin layers instead of one thick layer. Like all acrylic one component varnishes, B490 do not present high chemical resistance. Therefore, in such cases e.g. surrounding pool space, other technical solutions must be preferred.	
	Application temperature	5-30°C
	Suggested thinners	1120-1015-2540
	Application humidity	<70% relative humidity
	Surface humidity	<4%
	The choice of suitable thinner depends on the application method, the temperature and the humidity conditions. For the suitable choice, please contact with the technical department of our company	
Storage	Up to 12 months in a dry and cool place (5-30°C), away from sunlight.	
Safety	Please consult the Material Safety Data Sheet. Available upon request.	

This Technical Data Sheet replaces and cancels every previously issued.

The information, instructions, recommendations and specifications mentioned in this data sheet, represent the results and experience obtained from testing under controlled or specially adapted conditions.

The accuracy and relevance of these results to the actual conditions, in which you apply the product, must be determined and depend only on the purchaser and/or applicator