



PRODUCT	Harder AR
MISSION	Highly penetrating polyurethane resin-based dust consolidating agent, solvent-based
CHARACTERISTICS	<p>Harder AR is a solvent based aliphatic polyurethane resin based dustproofing consolidating agent. Since the product is highly penetrating and resistant to heavy truck and forklift traffic, it is ideal for consolidating cement industrial flooring. Harder AR is UV resistant, and may therefore also be applied on decks exposed to atmospheric agents (rest areas, roof car parks, work site yards, etc.). Harder AR may also be used as an easy-to-clean glossy protective transparent finish for top resin coating cycles for indoor or outdoor application. Also available in mat version on request.</p> <p>Harder AR is also available, on request, in the following versions: - mat to reduce the shine effect, non-slip to make the deck rough and prevent slipping; mat and non-slip to ensure both the above characteristics.</p>
APPEARANCE	Comp. A: low-viscosity transparent liquid Comp. B: medium-viscosity transparent liquid Comp. C (optional): white powder

CHARACTERISTICS OF THE LIQUID PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight	0,97	± 0,02	Kg/dm ³
Dry residue	21	± 1	%
Efflux time at 23°C (with Ford cup, hole no. 3)	29	± 2	sec
Mixing ratio by weight	A : B = 87 : 13		

APPLICATION INSTRUCTIONS

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Brush	Ready to use		DIL A1
Roller	Ready to use		DIL A1
Spray	Approx. 10 %	DIL A1	DIL A1

LAYING SURFACE	Clean and dry.
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CONSUMPTION	Consumption depends on the absorbing capacity of the laying surface, generally about 0,2 a 0,3 Lt/sqm for cement surfaces.
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APPLICATION INSTRUCTIONS	Ambient temperature: MIN 10°C - MAX 35°C Ambient relative humidity: MAX 80% Laying surface temperature: MIN 10°C - MAX 35°C
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DRYING AND HARDENING AT 23° C AND 50 % U.R.	<p>Pot life: 60' To touch: 2 h Interval between coatings: 20 – 36 h</p> <p>The times shown are intended for standard laboratory conditions. Drying times are strongly affected by weather conditions; high temperatures and direct sunlight reduce the drying times; areas in shadow, low temperatures and high humidity increase the drying times. In winter the product should be laid in the middle of the day when it is warmer. Ensure that the previous layer has dried properly before applying the next layer.</p>
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PACKAGING INSTRUCTIONS	COLOURS AVAILABLE Transparent	PACKAGING A+B= 10 – 18 Lt
STORAGE INSTRUCTIONS	STORAGE TEMPERATURE MIN –5° C – MAX 40° C	STABILITY IN THE ORIGINAL PACKAGE 6 months
SAFETY STANDARDS	Please read the safety data sheet carefully before using this product.	



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