

Technical Datasheet

Item Code: ESLV001A | Rev.: 29-09-2026 | Ver: 4.9

STAR HP

Two-component polyurethane water-based lacquer for elastic floors.



Description

STAR HP is a two-component aliphatic polyurethane water-based lacquer for the treatment of SPC, LVT, PVC, LINOLEUM, LAMINATE, ecc, floors, recommended in all domestic homes and in public buildings even those subject to high pedestrian traffic. STAR HP creates a transparent and flexible coating, which gives high chemical and physical resistance, resistance to wear, scratch and abrasion, also giving an anti-slip effect to the flooring. STAR HP is R9 certified according to DIN 51130, which determines the anti-slip properties of a surface. Very low emission product; ideal indoors. Easy to clean. Product suitable for coating floors that must obtain Bfl-s1 fire reaction class in accordance with EN 13501-1. STAR HP meets the fire protection requirements of the European Marine Equipment Directive 2014/90/EU (IMO-MED certification). Warnings for naval applications: see the notes on the CSI certificate No. MED/0497/2017

Characteristics

Mixture ratio	+20% AD-K HP + 5% Water
Application temperature	+10°C ÷ +25°C
Application	8 mm microfiber roller / brush
Chemical and physical characteristics	excellent
Coverage	50-70 g/m ² - BflS1 and IMO-MED 120 g/m ²
Dust dry	1 h ⁽¹⁾
Fingerprint dry	2 h ⁽¹⁾
Pot-Life	2 h ⁽¹⁾
Gloss level	10 Gloss ⁽²⁾
Coating	excellent
Storage stability	1 year ⁽³⁾
Packaging	6 Kg (5+1)
Tool cleaning	DILUENTE DNH 40

1 at 20°C and 65% R.H.
2 onto wet film of 90 micron hardened at 20°C and 65% R. H. for 7 days.
3 in original sealed containers at temperatures between +10°C and +25°C

How to use

Shake well before use.

New or newly laid floors:

The surfaces must be perfectly clean, dry, free from waxes and dust. Sand the surface with scotch brite to promote and increase adhesions, then clean with Diluente APA to remove the finest dust and improve adhesion between the support and the first coat of paint. Prepared the surface to be treated proceed with the application of STAR HP mixing carefully component B in component A according to the ratios indicated (10:2) and then add a 5-10% of water whilst stirring.

Old or worn out floors:

Thoroughly clean the affected floor with Velurex Sgrassatore, eliminating any trace of dirt, waxes and applied maintenance products. This step is crucial as the surface must be perfectly clean, dry, free from waxes and any release agents. Prepare the finished surface with 120 grit mesh to ensure excellent preparation of the support, even out the surface and avoid possible sanding marks, Then clean with Diluente APA to remove the finest dust and improve the adhesion between the substrate and the first coat of paint. Having prepared the surface to be treated, proceed with the application of STAR HP mixing carefully component B in component A according to the indicated ratios (10:2) and then add a 5-10% of water stirring always carefully.

Proceed with the application of STAR HP following the amount above using an 8 mm microfiber roller. In critical working conditions (examples: high temperatures, low humidity or large surfaces) we recommend the addition of DILUENTE DR H2O in quantities of 5-10% (see relative data sheet). Ordinary cleaning of floors treated with STAR HP must be done with VELUREX SPC/ LVT Cleaner (see relative data sheet).

N.B. BflS1 CERTIFIED according to EN 13501-1 and IMO-MED with a coverage of 120 g/m².

Label elements

	For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.
--	--

Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



http://www.chimiver.com/tds/EN_STAR_HP.pdf

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.