

PRYMER PUB 77

Single-component polyurethane primer for subfloors preparation



Description

PRYMER PUB 77 is a single-component product and a solution of special hygro-hardening resins studied especially for creating moisture barriers and for curing dusty or very poor subfloors. It is also apt as a promoter of adhesion for anhydrite subfloors.

Destinations: anti-dust, moisture barrier. It is resistant to the inverse hydrostatic pressure according to the law UNI 8298 part 8. It's ideal for consolidation of old wooden flooring and for synthetic mortars preparation

Characteristics

Mixture ratio	single-component
Application temperature	+10°C ÷ +25°C
Application	roller n. 8 / brush
Thinning (if necessary)	DILUENTE DMC 50
Coverage	300-600 g/m ² depending on the subfloor and use
Pot-Life	n.a.
Storage stability	1 year ⁽¹⁾
Packaging	12,5 L
Tool cleaning	DILUENTE DNE
1	in original sealed containers at temperatures between +10°C and +25°C

How to use

Restoration of poor or friable subfloors

Apply only one coat of PRYMER PUB 77 diluted with 30%-50% of DMC 50 thinner. In the case of dilution at 50% and on very porous subfloors, the laying down of wooden floor can be done also using adhesives of the line PARKETTKOLL (see technical data sheets). Wait total hardening of PRYMER PUB 77 (about 24 hours) before starting gluing.

Promoter of adhesion for anhydrite subfloors

Sandpaper properly the anhydrite subfloor with large-grains paper till you get a white powder. Vacuum clean the surface well and apply one coat of PRYMER PUB 77 diluted at 30% with thinner DMC 50. Since the compactness and the porosity of these anhydrite subfloors is not always constant, we leave it to the experience of the applicators the choice of one or two coats of PRYMER PUB 77 diluted as stated above. The time between the two coats should be at least between 2 and 6 hours. The following laying of wooden floor must only be done with Adesiver 501 EP, SIGOL R.E., Adesiver HERCULES, Adesiver 327 PU, Adesiver ELASTIC, UNISIL (at least 24 hours after the last application of PRYMER PUB 77) when you do not smell the PRYMER PUB 77 any more.

Moisture barrier

PRYMER PUB 77 is able to create a moisture barrier on foundations of 6cm in depth and Residual Humidity of 5%, measured with the carbide method.

Clean the subfloor to be treated by eliminating totally any trace of oil, grease, wax, or paint spots. Apply the 1st coat of PRYMER PUB 77 diluted with 30% of thinner DMC 50. After 4 hours apply the 2nd coat of the PRYMER PUB 77 diluted with 20% of thinner DMC 50. After 24 hours apply the 3rd coat of PRYMER PUB 77 diluted with 10% of thinner DMC 50 or pure depending on the porosity of the subfloor. The following laying of wooden floor must only be done with Adesiver 501 EP, SIGOL R.E., Adesiver HERCULES, Adesiver 327 PU, Adesiver ELASTIC, UNISIL (at least 24 hours after the last application of PRYMER PUB 77) when you do not smell the PRYMER PUB 77 any more.

Consolidation of old wooden floors

In case of consolidation of old wooden floors, spread PRYMER PUB 77 with a trowel uniformly on the whole subfloor, especially in between the pieces of wood. Wait for about 24 hours and proceed with sanding and finish of the subfloor.

Note: do not use over heating and cooling subfloors.

Warnings

Before applying PRYMER PUB 77 it is very important to make sure that the foundation is isolated from the subfloor with nylon or a waterproof material and it is also important to verify that the concrete (subfloor) does not contain lightening materials that hold solvents and/or monomers. This is very important for the following reasons: a) The moisture barrier that PRYMER PUB 77 creates must concern only the foundation and not both subfloor and foundation because in this case the osmotic pressure of the continuous counterthrust would nullify the efficacy of PRYMER PUB 77, b) This barrier prevents the possible spreading of unpleasant smells to the downstairs rooms (solvent vapours are heavier than the air and therefore they go down and not up!)

Technical Datasheet

Item Code: PPUB000X | Rev.: 2018-11-05 | Ver: 3.0

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Label elements

· Flammable liquid and vapour.· Suspected of causing cancer.· Harmful if inhaled.· May cause damage to organs through prolonged or repeated exposure.· Causes serious eye irritation.· Causes skin irritation.· May cause respiratory irritation.· May cause allergy or asthma symptoms or breathing difficulties if inhaled.· May cause an allergic skin reaction.

· Contains isocyanates. May produce an allergic reaction.

· Keep away from heat / sparks / open flames / hot surfaces. No smoking.· Do not breathe dust / fume / gas / mist / vapours / spray.· Wear protective gloves / protective clothing / eye protection / face protection.· If experiencing respiratory symptoms: call a POISON CENTER or doctor / physician.· IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Contents:DIFENIL METAN-4,4'DIISOCIANAT REACTION MASS OF 4,4'- METHYLENEDIPHENYL DIISOCYANATE AND O-(PISOCYANATOBENZYL) PHENYL ISOCYANATE ISOCYANIC ACID, POLYMETHYLENEPOLYPHENYLENE ESTER, POLYMER WITH .ALPHA.-HYDRO-OMEGA-HYDROXYPOLY (OXY (METHYL-1,2-ETHANEDIYL)) DIPHENYLMETHANEDIISOCYANATE, ISOMERS AND OMOLOGUES ;



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_PRYMER_PUB_77.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.