



Technical data sheet Lecol Express Primer PU-280

One component, solvent free Polyurethane primer

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Product Description:

One component polyurethane primer.

Properties:

Solvent free, one component primer for priming absorbent and non-absorbent subfloors and for compacting tread-worn surfaces of floor screeds.

Lecol PU-280 is also suitable as a damp proof membrane for preventing capillary rising damp in rooms without cellars and excessive residual moisture up to a maximum 6% by the CM method or 90% Relative humidity in cement floors without underfloor heating and maximum 3% by the CM method with underfloor heating.

Special Properties:

Lecol PU-280 is a solvent free¹ and water free. Suitable for use with underfloor heating systems.

¹ = solvent-free according to the definition of the TRGS 610.

Application:

With a velour roller or metal spatula.

Technical data:

Cleaning:	When still fresh with neoprene solvent RV 105
Storage:	not susceptible to freezing Approx. 12 months in tightly closed containers
Consumption:	approx. 100 - 150 g/m ² as a primer. Approx. 300 - 450 g/m ² as moisture blocker.
Drying time:	Approx. 40-50 minutes.

Processing:

The subfloor and room climate conditions must satisfy the requirements of DIN 18356 or DIN 18365. The only exception to this is the residual moisture content of the subfloor when Lecol PU-280 is used for preventing capillary damp.

Lecol PU-280 may only be used as a damp proof membrane on permanently moisture resistant surfaces and for preventing capillary damp. Lecol PU-280 cannot be used for oppressive, continuously rising humidity, vapour diffusion.

Shake Lecol PU-280 well before use. Apply the primer with a mohair/velour roller or ceiling brush avoiding puddles. When used as a damp proof membrane, Lecol PU-280 must be applied crosswise in either 2, or preferably 3 coats. Every coat must form a closed film. Lecol S-28 Sharp grit must be sprinkled onto the last coat when the primer is still wet.



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Levelling compounds may not be applied until Lecol PU280 is fully cured. Primed surfaces can be walked on after about 40-50 minutes.

Application of Lecol S28 sharp grit is not required when gluing with Lecol PU-230, PU-233, PU-260, Lecol MS-250 or Lecol MS-255 directly to the dry Lecol PU-280 within 24 hours. Lecol S28 sharp grit must be scattered in the 3rd coat of PU280 when using a leveling compound or when gluing with a solvent based adhesive.

Remarks:

The quoted application and drying times correspond to a temperature of + 20 °C/68 °F and a humidity of 65 %. Other climate conditions alter these times.

Do not use the primer below +15°C. In cold conditions the primer has to be tempered in time.

During application and preparation it is recommended to wear protective goggles and gloves. Splashes in the eyes must be washed out with plenty of water. A Doctor should be consulted. Fresh splashes on the skin may be washed away with warm water and soap.

Special Remarks:

This technical datasheet supersedes datasheet 02.06 for this product.

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