

TYPE

Polyol emulsion

USES

In combination with aromatic polyisocyanates based on diphenylmethane diisocyanate as binder for solvent-free two-component polyurethane coatings with high chemical resistance for concrete and other porous substrates, fillers, sealing compounds and synthetic resin mortars.

FORM SUPPLIED

Milky liquid, contains approx. 10 % water

SPECIFICATION

Viscosity (23 °C, D = 168 s⁻¹): 1200 ± 300 mPa·s

DIN EN ISO 3219/A.3

Hydroxyl content, supply form: 16 ± 0.7 %

DIN 53 240-2

Water content: 10 ± 1 %

DIN 51 777-1

OTHER DATA*

Equivalent weight, supply form: approx. 110 g/eq

pH: approx. 6.5

Density (20 °C): approx. 1.1 g/cm³

DIN EN ISO 2811

*These values provide general information and are not part of the product specification.

PROPERTIES / APPLICATIONS

SETATHANE D E 2767 is suitable for the formulation of coatings, mortars and sealers with high chemical resistance. Coatings formulated with SETATHANE D E 2767 generally exhibit outstanding resistance to organic and inorganic acids, alkalis and solvents.

Over-cross linking of 50 % and more is usual. This allows a wide-ranging variation in flow and chemical resistance.

To ensure blister-free curing, SETATHANE D E 2767 requires the addition of hydrated lime in accordance with DIN EN 12 518 (or cement if necessary) as a CO₂ scavenger. In certain cases where the film thickness is less than 100 µm, there is no need to add hydrated lime.

Further information can be found in the guide formulations for SETATHANE D E 2767.

SOLUBILITY / THINNABILITY

Thinning with water or solvents is not recommended.

COMPATIBILITY

Combination with other polyols is not recommended. Aromatic polyisocyanates based on diphenylmethane diisocyanate such as Desmodur VL¹ or Desmodur XP 2551¹ from Covestro should be used as the co-reactant.

Other polyisocyanates have to be tested for suitability prior to use.

STORAGE CONDITIONS

The product should be stored in the originally sealed containers at temperatures not exceeding 30 °C

The product is sensitive to frost. Freezing will damage the product irreversibly.

During storage the product may undergo phase separation. For this reason, it should be re-homogenized before use.

¹ Covestro

SHELF LIFE

Standard shelf life is 365 days from the date of manufacturing.
For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.

LABELING AND REACH APPLICATIONS

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.