
PRODUCT DESCRIPTION

FEUKEM PU THINNER is a specially formulated solvent blend for thinning compatible polyurethane coatings and for cleaning uncured PU residues and application equipment.

KEY FEATURES & BENEFITS

- Balanced solvency for PU coating systems
 - Controlled evaporation for good flow and levelling
 - Improves sprayability and application consistency
 - Helps reduce surface defects such as orange peel
 - Suitable for equipment cleaning
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TYPICAL APPLICATIONS

Recommended for compatible FEUKEM polyurethane primers, intermediate coats and topcoats. Use only where specified in the relevant coating TDS.

TYPICAL TECHNICAL DATA

Property	Typical Value
Appearance	Clear, colourless liquid
Type	Polyurethane-grade organic solvent blend
Density @ 25°C	0.86–0.89 kg/L*
Solids	Nil / negligible
Water Content	≤0.10%*
Flash Point (Closed Cup)	24–30°C*
VOC	Typically 850–900 g/L*

Evaporation	Medium / controlled
Shelf Life	12 months*
Packaging	5 L, 20 L and 200 L

*Typical development targets; final values shall be confirmed by FEUKEM QC testing for the approved production formulation. PU thinner performance is strongly influenced by solvent balance, evaporation rate and moisture control.

APPLICATION

Add FEUKEM PU THINNER gradually to the fully mixed PU coating until the required application viscosity is achieved.

Application Method	Typical Addition
Brush	0–5%
Roller	0–5%
Airless Spray	5–10%
Conventional / Air Spray	5–15%

Do not exceed the maximum thinner addition specified in the coating TDS. Excessive thinning may reduce film build, gloss, chemical resistance and overall coating performance. Comparable PU thinner TDSs commonly specify controlled additions and emphasize use only with designated coatings.

MIXING

1. Mix the PU coating components according to the coating TDS.
 2. Add PU THINNER gradually after the coating is properly mixed.
 3. Mix until a uniform consistency is obtained.
 4. Use the coating within its specified pot life.
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EQUIPMENT CLEANING

Use FEUKEM PU THINNER for cleaning compatible application equipment and tools before PU coating residues cure.

COMPATIBILITY

Use only with PU products approved by FEUKEM. Do not use as a general-purpose thinner for epoxy, alkyd or other coatings unless specifically approved.

STORAGE

Store in tightly closed original containers in a cool, dry and well-ventilated area away from heat, sparks, flames and direct sunlight. Recommended storage: 5°C to 35°C.

PACKAGING

Available in 5 L, 20 L and 200 L containers. Other sizes may be available on request.

SHELF LIFE

12 months from date of manufacture in unopened original containers under recommended storage conditions.

HEALTH & SAFETY

Flammable solvent-based product. Keep away from ignition sources, provide adequate ventilation and wear suitable gloves, eye protection and protective clothing. Refer to the current SDS before use.

TECHNICAL SERVICE

FEUKEM technical support is available for selection and use of PU THINNER with compatible FEUKEM polyurethane coating systems.

Disclaimer

All information is given in good faith on the result gained from experience and test. However, all recommendation or suggestions are made without guarantee since supplier does not have any control on site conditions and its uses.
