

Macekote 2485Z • Fully Reacted Aliphatic PUD with Zero NMP

KEY FEATURES

- Outstanding adhesion to difficult substrates
- Soft, flexible but tough films
- Excellent wet adhesion characteristics
- Clear, glossy films
- Zero NMP
- Crosslinkable

DESCRIPTION & USES

Macekote 2485Z is a fully reacted, aliphatic, zero NMP polyurethane dispersion with excellent adhesion characteristics to “difficult to adhere” substrates. Macekote 2485Z can be used as a heat-activated adhesive with a low activation temperature. The product can also be used as a primer and a topcoat due to its unique flexibility and toughness. Macekote 2485Z films have excellent heat and water resistance without use of an external crosslinker and any additional co-solvents. Applications include coatings over UV cured substrates, EPDM rubber, film and foil laminates. Macekote 2485Z may be crosslinked with carbodiimides or polyaziridines to further enhance performance.

PHYSICAL PROPERTIES

Chemical Class	Aliphatic polyester
Wet appearance	Opaque
Viscosity cps	500 ± 300 cps
Solids %	35 ± 1%
pH	8.00 – 9.00
Water %	56
Co-solvent %	4.75%
Modulus PSI	NE

Tensile PSI	NE
Elongation %	NE
Gloss	75
Sward hardness	NE
Freeze/ thaw stability	yes
Thermal stability	yes
Product density	8.64 lbs/ gal
Emulsion class	Anionic

HANDLING & STORAGE

Store this product above 70°F and prevent from freezing. Consult SDS before use.

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