



GENCRYL® 2500

Industrial Roofing Binder

GenCryl 2500, an anionic emulsion polymer, is designed to reinforce thermoplastic fabrics for the demanding requirements of modified bitumen roofing applications. This self-crosslinking, styrene butadiene acrylonitrile polymer can be used as a stand alone binder or in combination with an amino based crosslinking resin and a post-added catalyst to provide the desired balance of physical properties to the cured roofing mat.

Due to their excellent mechanical stability, low foaming characteristics and curing profile, binders based on GenCryl 2500 are readily compatible with typical roofing mat production lines, and their reinforcement of a PET mat imparts a good balance of tensile strength, tear strength and dimensional stability to the final product.

TYPICAL PROPERTIES

PHYSICAL

Solids, (%) by weight.....	43
pH	6.5
Latex Viscosity @ 25°C, Brookfield (cps).....	100
Density (lbs/gal)	8.5
Glass Transition Temperature (°C)	34

CHEMICAL/MECHANICAL

Mechanical/Shear Stability.....	Excellent
Foaming Characteristics.....	Low
Synthetic Fiber Adhesion.....	Excellent
Use as a Stand Alone Binder for Selected Applications.....	Excellent
Compatibility with Amino Crosslinking Resins.....	Excellent

BENEFITS TO CURED MAT

Mat Color Retention.....	Good
Tensile Strength.....	High
Tear Strength.....	Good
Dimensional Stability at Elevated Temperature.....	Excellent

NOTE:

Although data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.

