



Product Data Sheet

Fabric

Type II Fabric ‡

Glass Mat Fabric 36" is a high performance non-woven polyester engineering fabric created using thermally bonded fibers of polyethylene terephthalate and polyethylene terephthalate/adipate. This durable polyester fabric is used to reinforce the waterproof membranes in Merkrete Hydro-Guard systems.

- Significantly reduces reflective cracking
- Flexible, resists tearing
- High tensile strength
- Easy to install
- Non-adhesive
- Tough and durable

- Must be incorporated into the waterproof membrane during application
- Not intended for use as a finished surface
- Avoid exposing to sharp objects that could cut or puncture the material
- Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

White bonded fibrous mat

Horizontal Surface-Reinforced Waterproof Membrane

Waterproof the horizontal surface by applying 1 thick coat of the appropriate waterproofing membrane at the system's required thickness over the primed surface, using a trowel or roller, ensuring complete coverage. Immediately and while the material is still wet, embed the fabric into the wet waterproofing membrane saturating it completely.

Firmly trowel-push the fabric into the wet membrane material to ensure that it is completely embedded. No dry or fabric material spots should be visible and the fabric should lay completely flat and without wrinkles. Overlap successive runs of fabric edges a minimum of 2 inches (51 mm). Apply additional Waterproofing Membrane as necessary over areas to ensure positive waterproofing (no pinholes). Apply the membrane/fabric/membrane layers in sections working across and off of the horizontal surface.

Follow with an additional coat of waterproofing membrane using the same methods, completely covering the fabric. Allow the entire area to dry a minimum of 24 hours at 70°F (21°C) 50% RH, until dry enough to walk on without leaving impressions. Applications in elevated humidity conditions will require additional dry time.

Corporate Office

Parex USA, Inc.
4125 E. La Palma Ave., Suite 250
Anaheim, CA 92807
(866) 516-0061
Tech Support: (800) 226-2424

Coverage Rate	Small Roll, 225 ft ² (20.9 m ²) Large Roll, 1,200 ft ² (111.5 m ²)
Type II Construction	non-woven thermally bonded polyester fibers
Specific gravity	1.37
Thickness	0.30mm (11.8 mils)
Grab Tensile Strength	MD 61 lb ft (270 N) (ASTM D4632) TD 61 lb ft (270 N)
Grab Tensile Elongation	MD 45% (ASTM D4632) TD 50%
Trapezoid (tear strength)	MD 23 lb ft (100 N) TD 23 lb ft (100 N)
Weight	2.1 oz/sq yd
Meets Automotive Flammability Standard FMVSS 302	

SKIN CONTACT

None required; however, use of protective gloves/clothing is good industrial practice.

INHALATION

None required; however, use of adequate ventilation is good industrial practice. It is very unlikely a hazardous condition will exist or be created when working with this product. The ingredients are encapsulated in polymer, and unless the product construction is destroyed or severely altered, the ingredients will remain in the encapsulated state. Remove victim to fresh air. Drink water and blow nose. If breathing is difficult, contact physician.

FIRE

Special fire Fighting Procedures – Wear self-contained breathing apparatus. Unusual fire & Explosion Hazards – Resin may burn causing dense smoke and toxic gases. Polyester fabrics will melt at approximately 490°F and typically will burn when exposed to sufficient flame. Combustion and decomposition gases and products may consist of carbon, hydrogen, oxygen and nitrogen in various combinations. Fire fighters should take precautions against breathing combustion gases. Molten polyester can cause severe burns to the skin.

SPILL OR LEAK

Spill Procedure – N/A Waste generated by use or demolition is not considered hazardous by RCRA (40 CFR, Part 261). Pick up large pieces and vacuum up dust. If sweeping is necessary, use a dust suppressant. Waste Disposal Method – May be incinerated or land filled in accordance with local, state, and federal regulation.

Store rolls off the ground, on end and in a dry environment. Do not store in direct sunlight. All materials should be stored in compliance with local fire and safety requirements. Always wear proper safety equipment, including particle mask, eye protection and gloves when applying these products. Ensure good exhaust ventilation at workplace.

Product can be stored indefinitely, when properly stored.

Limited manufacturer's defect warranty. Contact Technical Service Department for specific warranty information or www.merkrete.com