

Pro-Tech Butter Grade Technical Data Sheet



Overview

Butter Grade is an exceptionally versatile, tough yet flexible membrane that is easily brush or trowel-applied at thickness up to. 1/4" thick. It is also an excellent repair material for direct-to-metal (DTM) repairs, spray polyurethane foam, smooth built-up, smooth modified bitumen, granulated modified bitumen, aged single ply roof membrane, flashings, fasteners and drains.

Properties	Test Method	Typical Value
Appearance		White
Application Temperature (Ambient)		35 F to 120 F (2 C to 49 C)
Cure Time		12-18 hours
Elongation (as cured)	ASTM D412	275%
Solids Content (by volume)		95%+/-3
Spread Rate (per gallon)		12 sq. ft. at 1/8" thickness
Tack Free Time		1-3 hours
Tensile Strength (as cured)	ASTM D412	130 psi
VOC Content (maximum)	EPA Method 24	25g/l

Note: The above values are average values obtained from a lab and should serve only as a guide.

Application

Clean: Surface must be clean and free of all dust, rust, residues, foreign matter, and all contaminants (chalk, grease, wax, etc.) that may cause loss of adhesion. Remove rust and scale from metal by wire brushing. Sweep area thoroughly to remove all dust, dirt, and other foreign matter that interfere with a good bond. Scrub accumulated residue on low areas with detergent and rinse thoroughly. Surface must be dry and frost-free. Sealant adhesion should be tested on each different substrate prior to use. To test adhesion, apply. Sealant and allow to cure thoroughly. Then pull one to test adhesion strength.

Apply: Repair cracks, breaks, tears and holes by applying 1/8" to 1/4" thick with a brush, trowel or putty knife. Sealant can be applied over old silicone coating or sealant which has cured. Work the sealant into the crack or creak and spread it 2" to 4" beyond, feathering the edges. Check to see that no voids have been left in patched areas. If so, apply more sealant and allow to set up before coating. It is tack-free in about 1 to 3 hours and fully cured in about 48 hours (dependent on weather conditions, such as temperature and humidity). Not recommended for application at temperatures for application at temperatures below 35 F (2C) or if rain is expected in less than 1 hour of application.

Clean-up: Clean hands with waterless hand cleaner. Equipment may be cleaned before sealant cures with mineral spirits.