



Metacrylics Q COAT ACRYLIC GEL

Elastomeric Roof Mastic / Technical Data Sheet

NOTICES

Metacrylics® products must be applied and installed according to written specifications from the manufacturer. Metacrylics® assumes no liability for failures of this roof/deck system resulting from deviation from manufacturer's written specification, poor workmanship, or delamination of an existing underlying roof/deck membrane. The manufacturer makes no warranty of any kind, express or implied, concerning this roof/deck system, if it is not used according to manufacturer's specifications.

SOURCES

ASTM and FTMS performed by Underwriters Laboratories, Inc., Cal Coast Laboratories, Inc., Harlan Associates, Inc., State of Calif. Dept. of Transportation (Division of Structures and Engineering Services) Office of Transportation Laboratory, Sacramento, CA; State of Calif. Air Resources Board, Sacramento, CA; State of Calif. Dept. of Health; State of Calif. Bay Area Air Pollution Control Dist.; field experience of construction contractors and California Builder & Engineer. Metacrylics® is not responsible for any changes in the above data due to discovered data or changes in the above tests.

AVAILABLE PACKAGING

1 Gallon pail

2 Gallon pail

3.5 Gallon pail

5 Gallon pail

SPECIFICATIONS

DESCRIPTION WHITE, fast setting water-based elastomeric mastic with built in bleed block and early rain resistance. Non-volatile, highly adhesive, UV resistant, extremely reflective, resistant to thermal shock and moisture.

USES Use to repair roof blisters, field seams, drains, scuppers, coping, splits, cracks, fishmouths, perimeter base & curb flashings over wood, metal, concrete, urethane, epoxies, rubber, single-ply, BUR asphalt, emulsion, and other surfaces. A highly elastic, adhesive, flexible waterproofing caulking, especially when used with the Stitch-bond Polyester Fabric reinforcement. Also, used to waterproof and seal all roof penetration details for Metacrylics roof restoration solutions.

COLOR White

ZINC OXIDE Metacrylics Q COAT Acrylic GEL contains no zinc oxide. California Prop. 65 has identified zinc oxide as a hazardous material. No product manufactured by Metacrylics contains zinc oxide. This has been verified by independent testing by Aquifer Sciences, Inc.

TYPICAL PHYSICAL AND PERFORMANCE CHARACTERISTICS

TIME TO EMBED FABRIC	25 minutes @ 40F, 5 minutes @ 75F, 3 minutes @ 100F
RAIN RESISTANCE	120 minutes @ 40F, 60 minutes @ 75F, 30 minutes @ 100F
FULL CURE TIME (HRS)	2 - 6
TOXICITY	NOT FOR USE WITH POTABLE WATER
DENSITY (LBS/GALLON)	11.3
VOC (G/L)	>30
SOLIDS CONTENT (WEIGHT)	62%
SOLIDS CONTENT (VOLUME)	49%

CHEMICAL RESISTANCE

GASOLINE	SOME SOFTENING & SPOTTING
LUBRICATING OIL	SOME SPOTTING
1% SODIUM HYDROXIDE ALKALI	NO EFFECT
DIESEL	NO EFFECT
1% HYDROCHLORIC ACID	NO EFFECT
STOKLARD SOLVENT	NO EFFECT
SODIUM CHLORIDE/SALT	NO EFFECT
BORIC ACID	NO EFFECT
PETROLEUM ETHER OR NAPHTHA	NO EFFECT

CERTIFICATIONS AND ORGANIZATIONS

USGBC	MEMBER
LEED	POINTS FOR EDUCING HEAT ISLAND
CALIFORNIA TILE 24	COMPLIANT



Metacrylics Q COAT ACRYLIC GEL

Elastomeric Roof Mastic / Technical Data Sheet

SURFACE PREPARATION Surfaces should be clean, dry, free of dust, dirt and oily residues. Remove loose rust from metal, and wipe new galvanized metal with acidic acid solution prior to application. Metacrylics Primer is recommended for all surfaces. New concrete must be fully cured. New glazed asphalt and torch down modified bitumen assemblies should wait 6 months or more before application.

APPLICATION & COVERAGE RATES

1. Using a trowel, putty knife, a paintbrush, or rubber glove, apply a smooth layer of GEL over the area to be reinforced or repaired. Be sure to overlap the field area (GEL and Fabric) at least 2" and 2" up the penetration, curb, or wall.
2. A layer of fabric is recommended over all gaps at least 1/4" wide and joints that may move due to thermal expansion or contraction. Embed fabric by pressing firmly into the gel. Reminder - time to embed fabric is 25 minutes @ 40F, 5 minutes @ 75F, and 3 minutes @ 100F
3. Apply a smooth layer of Gel over the Fabric. Allow 2 to 6 hours dry time.

*TIPS: Before 3-Coursing, mask off the surrounding area with masking tape for a clean line. When finished 3-Coursing and while the Gel is still wet, run a paint brush over the wet Gel to remove any applicator lines or ridges. Cold temperatures slow down the drying times. Start early, stop early! Application in hot temperatures should be avoided or blistering of the coating may occur.

COVERAGE RATES

1 Gallon	2 Gallon	3.5 Gallon	5 Gallon
4" x 32' GFG 4" x 64' G	4" x 64' GFG 4" x 128' G	4" x 112' GFG 4" x 224' G	4" x 160' GFG 4" x 320' G
6" x 22' GFG 6" x 44' G	6" x 44' GFG 6" x 88' G	6" x 77' GFG 6" x 154' G	6" x 110' GFG 6" x 220' G
12" x 14' GFG 12" x 28' G	12" x 28' GFG 12" x 56' G	12" x 49' GFG 12" x 98' G	12" x 70' GFG 12" x 140' G

GFG Gel Fabric Gel

G Gel

SPECIAL INSTRUCTIONS

Please contact Metacrylics or consult your local representative with any additional questions on the product, application instructions and coverage rates.

DO NOT APPLY if freezing weather is imminent within 6 hours following application, during fog, or during drizzle.

KEEP AWAY FROM CHILDREN.

DO NOT APPLY when temperatures are consistently below 40° F. The Acrylic Gel dries slowly when temperatures are below 55° F. Areas shaded from sunlight dry very slowly.

PROTECT MATERIALS from freezing and extreme heat.

CAUTION! Wet acrylic is extremely slippery when stepped on. Use a safety rope around you on sloped surfaces.

THINNING cannot be thinned

CLEAN-UP Clean tools and equipment with water . Cured material may be removed with Amylacetate, hand cleaner, or lacquer thinner. Do not use these materials (except hand cleaner) on bare skin.

STORAGE Store in areas where temperature remains above 40oF. Reseal opened containers. If contents skin, remove surface skin and use immediately.

MANUFACTURER

Metacrylics® 365 Obata Court
 Gilroy, CA 95020
 Office: (408) 280-7733
 Fax: (408) 280-6329