



# DURAMASTIC



## DESCRIPTION

Elastomeric acrylic paste-like consistency mastic, manufactured with acrylic resins, selected pigments, synthetic fiber reinforcements and high-quality chemical composites designed to be worked into vertical seams, around flashings drain and protrusions.

## KEY TECHNOLOGY FEATURE

Elastomeric Acrylic Paste like consistency mastic.

## PROPERTIES:

Physical Property	Test Method (ASTM)	Value
Viscosity, cps	ASTM D-2196	110000 + 10000
Density gr/ml (lb/gal)	ASTM D-1475	1.46+ 0.03 (12.18 + 0.25)
Appearance	INTERNAL	Paste-like
Type	INTERNAL	Elastomeric acrylic sealer
Color	INTERNAL	White
Solids by weight, %	ASTM D-1644	72 +/- 2
Solids by Volume, %	ASTM D-1644	60 +/- 2.0
Elongation, %	ASTM D-412	500 min
Dying time for water resistance	ASTM D-1640	6 hours
Total Dryingtime	ASTM D-1640	7 days
Accelerated weathering	ASTM G151 & G154	No deleterious effects after 2000 hrs
Tensile strength lb/in2	ASTM D 412	250 min
Low Temperature Flexibility	ASTM D 522	Pass
Fungus Resistanc	ASTM G-21	Pass

## ADVANTAGES

- UV Resistance
- High solids, Water base elastomeric Acrylic Formulation
- Highly flexible, rubber like product offers long lasting protection
- Crack Sealer
- Contains a strong mildewcide/fungicide

## SUBSTRATES - OVER WHAT

- METAL
- POLYURETHANE SPRAYED FOAM
- CONCRETE
- MODIFIED BITUMEN MEMBRANES (GRANULATED FINISH) (previous blocking of yellowing)
- ACRYLIC ROOF COATINGS

- ASPHALT BUILT-UP SURFACES (previous blocking of yellowing)
- ASPHALTIC ROOF SYSTEMS (previous blocking of yellowing)
- STUCCO
- MORTARS
- SELF ADHESIVE ROOF MEMBRANES

## APPLICATION TOOLS

Brush, spatula, etc.

## WEATHER REQUIREMENTS FOR OPTIMAL PERFORMANCE

Never applied over 104°F (40°C) and under 50°F (10°C), bFor application in extreme temperatures (below freezing point or above 120°F (49°C)), contact THERMOTEK™ Technical Support; for cold weather application, keep material stored above 50°F (10°C).

## MIXING

Not applicable, this product is ready to use.

## APPLICATION PROCESS

### SURFACE PREPARATION

Surfaces must be prepared, cleaned and checked for compatibility. If some areas hold excessive ponding water they must be brought into conformance by installing proper drains.

New asphalt shall be exposed to ambient conditions for 90 to 120 days before coating. Deteriorated or corroded metal shall be replaced. Rusted areas shall be mechanically abraded to remove rust and then primed with THERMOTEK™ Metal Primer. Perform a coating adhesion test on different sections of the roof before doing the entire job. Refer to our application specifications for detailed installation instructions.

### PRIMING AND REVIEW CRITICAL POINTS

Apply the appropriate primer to the substrate, with a brush, roller or conventional airless equipment

The flashing areas, drip edges, cracks, control joints, seams are to be treated with THERMOTEK™ Mastic along with THERMOTEK™ Fabric.





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Apply a thin coat of THERMOTEK™ COATING over the seam and roll out 6" or 12" (15 or 30 cm), then apply the THERMOTEK™ Fabric Mesh over coating sealing the seam and using a brush or rollers eliminate air pockets and gaps. Then apply another coat of THERMOTEK™ COATING over the Mesh. Encapsulate the Mesh and feathering it at least 2" to 3" past the edge of the Mesh.

## YIELD

Depends on thickness

## DRYING TIME

3 to 5 Hours \*depend of temperature, humidity and thickness

## PACKAGING

Bucket 5.0 gallon

## COLORS

White

## STORAGE

Store container in cool, dry, protected areas, and keep from freezing. Keep container tightly closed when not in use

## SHELF LIFE

Maximum storage is two years.

## WHERE TO USE THESE PRODUCT

Its used to prime and seal concrete, metal, wood, and sprayed polyurethane foam and other substrates

## FOR BEST PERFORMANCE

Do not apply THERMOTEK™ COATINGS when temperature is below 40°F, or if cold weather, rain or fog is expected within 48 hours of application.

Do not use in swimming pools or other submerged conditions where the sealant will be exposed to strong oxidizers.

THERMOTEK™ COATINGS cure through dehydration. Drying time may vary depending on weather conditions, such as, temperature, humidity and nlight.

**⚠ WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**  
BASF Corporation Construction Systems • 889 Valley Park Drive Shakopee,  
MN 55379 USA • Customer Service 1 (800) 433-9517 Technical Service  
• 1 (800) 243-6739 • [www.thermotekgroup.com](http://www.thermotekgroup.com)

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