ECO-MASTIC 55-50

COLORS

55-50 White
55-51 Gray
55-53 Green
55-55 Blue
55-57 Yellow
55-58 Black
55-59 Red

SERVICE TEMPERATURE

-20 to 180°F
(-29 to 82°C)

WATER VAPOR TRANSMISSION

Breather coating

COVERAGE

.055" dry equals 6 gal./100 sq. ft. (1.4MM=2.4 Liter/m2) The coverage is dependent on the surface being covered and the application method.

WEIGHT PER GALLON

11.2 lb.

AVERAGE NONVOLATILE

65% by volume

DRYING TIME

Touch: 3 hrs.
Through: 24 hrs.
The drying time depends on the temperature, humidity and film thickness. The development of rain resistance is affected by relative humidity and by application over wet insulating cement.

SPECIFICATION COMPLIANCE

Complies with LEED v4 ID&C, BD&C, Collaborative for High Performance Schools (CHPS) EQ 7.1.1, California Dept. of Public Health (CDPH) Standard Method v1.2, Criteria of MAS Certified Green® Program TVOC Emissions at 14 days, (Certificate Number MAS-1700747)
U.S. Department of Agriculture Chemically Acceptable. NFPA 90A & 90B

MATERIAL PREPARATION

Do not thin. Eco-Mastic should be used as supplied. It readily trowels or brushes even though it appears thick. All insulation should be flashed on outdoor installations.

LIMITATIONS

Keep from freezing. Apply between 40°F(4°C) and 110°F (40°C) for best results. The use of black or dark Eco-Mastic colors outside over plastic foam insulation could result in some cell collapse due to excessive heat buildup and should be avoided. Do not apply to roof surfaces with less than 1" of pitch per linear foot. Continuous immersion caused by constant ponding of water should be avoided.

CAUTION:

Use with adequate ventilation. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Do not take internally. In an emergency, call a physician. Keep out of reach of children.

DESCRIPTION

Eco-Mastic is a water based mastic for weatherproofing and protecting thermal insulations on equipment, vessels, piping and fittings. It dries to a tough flexible, fire and chemical resistive finish that is easily cleaned. Eco-Mastic can be used with fiberglass, mineral wool, polyurethane, polystyrene, cellular glass, calcium silicate, and foam glass insulation.

METHOD OF APPLICATION

Brush, palm, trowel or spray. Order brush or spray grade if Eco-Mastic is to be brush or spray applied.

APPLICATION

This product is for industrial use only. It should be applied by trained and qualified craftspeople. Be sure surfaces are dry and clean. If surface such as calcium silicate is dusty, prime it with a 1 to 1 mixture of 11-02 and water. Do not overwork Eco-Mastic when applied it. Avoid excessive water smoothing. Eco-Mastic can be spray applied using conventional or airless spray equipment. Contact Mon-Eco Industries, Inc. for complete spray equipment instructions. Apply a 2 gal. /100 sq. ft. (.81 Liter/m2) tack coat of Eco-Mastic. Embed a reinforcing membrane into the wet tack coat. Apply a finish coat of Eco-Mastic at a rate of 4. gal/100 sq. ft. (1.6 Liter/m2) over the fabric. Completely coat the fabric.

CLEANUP

Wet: Water. Dry: Hot soapy water or 44-10

ASBESTOS FREE

UNDERWRITERS LABORATORIES, INC.
CLASSIFIED
GENERAL PURPOSE COATING
SURFACE BURNING CHARACTERISTICS
54H4

R10069Applied to Inorganic Reinforced Cement Board

	USC	CNC
Flame Spread	15	15
Smoke Developed	5	5
Rate Per Coat	30 ft. 2/gal	.7 m/2/L
Number of Coats	1	1

Flash point of liquid coating: No flash to boiling (closed cup)

Meets LEED® IEQ 4.2 Low Emitting Materials Paints & Coatings MAX VOC = 0.51 LBS/GAL OR 62 GRAMS/LITER less water & exempt solvents.

06/2017R

WARRANTY TERMS: The physical and chemical properties of this product are representative of the typical average values derived in accordance with test methods deemed acceptable, and can vary when subjected to normal manufacturing methods. These values are supplied only as a technical service and are subject to change without notice. To be sure information is current call Mon-Eco Industries, Inc.
Terms of Warranty: Warrantor, Mon-Eco Industries, Inc. warrants satisfactory results of this product only when recommendations herein established are followed. The recommendations for use are established upon tests and information deemed reliable. We recommend that adequate testing be made by the user to determine if the product is suitable for the intended purpose and use. Warrantor assumes no responsibility beyond replacement or refund of the purchase price of this product, since warrantor has no control over the methods and application of its product, methods and conditions of transportation, handling and storage of the product. WARRANTOR EXPLICITLY DISCLAIMS ALL LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE. No agent or representative of Mon-Eco Industries, Inc. has the authority to change or extend these conditions.

MON-ECO INDUSTRIES, INC.
5 JOANNA COURT•EAST BRUNSWICK, NJ 08816 (732) 257-7942 • **800-899-6326** • FAX (732) 257-6525
Email: sales@mon-eco.com • www.mon-ecoindustries.com

HEATING, AIRCONDITIONING & REFRIGERATION DISTRIBUTORS INTERNATIONAL