

Product Data Sheet

PRODUCT NAME

Amerimix water repellent mortar by Basalite with ACM Chemistries RainBloc GP dry integral water repellent.

MANUFACTURER

Basalite Concrete Products
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PRODUCT DESCRIPTION

BASIC USE

Basalite Type S and M Masonry Mortars with RainBloc GP powdered water – repellent admixture are contractor-grade mortar mixes designed for:

- Outstanding water repellency in the mortar joint.
- To be used as part of the Rheopel Integral Water Repellent CMU system from Basalite.
- Concrete Masonry Units (CMU), brick, and stone
- Miscellaneous mortar joint repairs
- Tuck pointing mortar joints

COMPOSITION & MATERIALS

Basalite IWR (Integral Water Repellent) Masonry Mortars are pre-blended mixtures of sand, cement, lime, and BASF Rheopel Plus D dry powdered admixture formulated to meet ASTM C 270.

Rheopel Plus D is a highly efficient powdered water-repellent admixture.

AVAILABILITY and COLORS

Basalite IWR Masonry Mortars are Special Order ONLY. All Basalite custom colors are available in IWR as well.

WEIGHT

- 80 lb. (42.6 kg) bags
- 3000 lb. (1360 kg) super-sacks. (approximate weight).

TECHNICAL DATA

APPLICABLE STANDARDS

- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 387 Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete

TECHNICAL DATA

Masonry mortars treated with Rheopel Plus D admixture demonstrates outstanding resistance to moisture migration and win-driven rain as per ASTM E 514. Rheopel Plus D admixture has also

been tested for bond strength per ASTM C 1072.

RainBloc GP admixture is compatible with RainBloc Water-Repellent Admixture System, a patented technology available from ACM Chemistries.

Compressive Strength

28 day 1800 psi (12.4 MPa)

Water Retention

75%

Air Content

12% Maximum

INSTALLATION

PREPARATION

When laying new brick or block walls, first construct a sound footing below the frost line. When repairing mortar joints, remove all loose and foreign material. Dampen areas to be repaired just prior to application.

MIXING

Empty the contents into a mortar box, wheelbarrow, or mechanical mixer. When mixing by hand, form a crater for adding D Consider ambient temperature and mixing conditions to achieve a workable, trowelable mix. Add water a little at a time. Avoid a soupy mix. Excess water reduces strength and durability and can cause cracking. In cold weather use warm water to accelerate the set. Use cool water to slow the set in hot weather. Re-tempering impairs performance.

PLACEMENT

When laying brick or block, butter the end with mortar before placing into a full bed of mortar. Tap into place while leveling. When tuck pointing mortar joints, place material in the joint with a pointing trowel and compact. Allow the newly placed material to set about 1 hour or until the surface is thumbprint hard before striking with a joint tool.

FINISHING

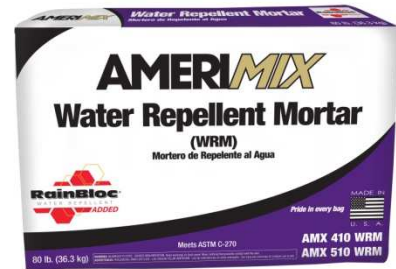
Dress mortar joints with a joint tool.

CURING

In hot weather, lightly dampen the material as needed to promote adequate curing. In cold weather, adequately cover and keep from freezing for a minimum of 24 hours.

PRECAUTIONS

- Re-tempering will lower strengths
- Not to be used as grout on traffic bearing surfaces
- Do not place when temperatures are below 40° F (4° C) Protect from freezing for 24 hours
- Variations in amount of mix water, mix time, curing conditions, and finishing will cause color variations.



STORAGE

Store material in a tightly closed container, off the floor in a dry place.

AVAILABILITY

Basalite Type S Mortar Mix is available at leading masonry and concrete construction supply houses and dealers. Contact

Basalite Concrete Products for the name of the nearest dealer.

LIMITED PRODUCT WARRANTY

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the date the product was purchased.



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ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement of defective product or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

CAUTION

WARNING! CAUSES IRRITATION-

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Exposure may result in irritation of the skin, eyes, or nasal passages from alkali in cement. When wet, contact with the skin or eyes may result in irritation or burns.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get prompt medical attention; for skin, wash thoroughly with plenty of soap and water.

HARMFUL IF INHALED – Avoid breathing dust. Keep container closed. Use with adequate ventilation. Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Crystalline silica has been classified by IARC and NTP as a carcinogen.