

Endur-O-Seal USA Inc.

EOS POLY TOP SEAL M20 PLUS A SEALER SPECIFICALLY FOR CLAY MASONRY

PRODUCT NAME: EOS M20 PLUS

PRIMARY BENEFITS

MANUFACTURER:

ENDUR-O-SEAL USA, Inc.
Pinehurst, Texas 77362
1-800-259-8855

PRODUCT DESCRIPTION:

Poly Masonry Sealer **M-20 PLUS** is a water based, non flammable polysiloxane penetrating sealer. It is developed specially for the treatment of masonry, brick and clay substrate for the purpose of providing waterproofing and repellency. Poly Masonry Sealer **M-20 PLUS** provides superior long-term performance and protection against physical and structural defamation or deterioration due to the effects of humidity and or contact with moisture or exposure to the elements. In addition it is also resistant to acids and highly alkaline compounds. **M-20 PLUS** is designed strictly for *glazed* masonry.

TECHNOLOGY:

The **EOS M20 PLUS** utilizes unique polysiloxanes coupled with proprietary technologies to provide high performance products that are environmentally safe. **M20 PLUS** is a highly reactive, low solids material that yields increased levels of penetration into the substrate. The system is attracted and bonded by an electrochemical mechanism. During the curing process the system reacts with certain elements in the clay to form a subsurface vapor permeable elastomeric membrane. The membrane allows the treated matter breath normally while impeding water from spreading, wetting and absorption through capillary channeling.

- The natural look and feel of the substrate is not perceptibly altered.
- Non toxic / non-hazardous
- Semi – Homogeneous solution (requires slight agitation prior to application.)
- Poly Masonry Sealer is a penetrating treatment and may temporarily darken the substrate on which it is applied.
- Light citrus odor.
- No staining or discoloration. Prevents the water absorption/retention required for the growth of fungi or algae.
- Prevents adhesion of dirt and organic pollutants.
- Does not restrict the natural breathing ability of the treated matter
- U.V. (Ultraviolet) resistant / extends product life
- No CFC's
- Product performance does not deteriorate at temperatures between – 50° F and + 470° F.

TECHNICAL DATA

V.O.C. Content:	<0.19 lbs. /Gal
Flashpoint:	>+212°F
Penetration:	0.25 – 0.75 in
U.V. Resistance (QUV 7500 Hrs)	Pass
Breathability ASTM D1653	99+%
Water Absorption ATMN C67	2.2% Max
Simulated Wind Driven Rain (FS TTP 0035)	Pass

SURFACE PREPARATION

The material to be treated should be dry and free of non-integral dust, dirt, mildew, algae or alkali salts. If being applied to an existing structure, the substrate should be thoroughly washed to remove all efflorescence, dirt, mildew and fungi. Allow adequate time for drying prior to application.

METHOD OF APPLICATION

Poly Masonry Sealer M20 PLUS can be applied by means of spraying with a conventional, airless (60 psi or below), or Hudson pump up type sprayer. Make sure the masonry, brick and clay substrate to be treated is dry (15% moisture content maximum). Agitate the sealer as indicated on the label; utilize as is. DO NOT dilute or otherwise alter the material.

COVERAGE

Apply in accordance with the rates stated below or per architectural guide specifications. The following are approximate and may vary due to porosity of material to be treated.

- Glazed Brick: 200 – 400 square feet per gallon

PACKING AND STORAGE

Available in five (5) gallon pails and fifty five (55) gallon drums. Storage should be maintained between 32°F and 100°F and out of direct sunlight.

WARRANTY

The information and recommendations made herein are based on EOS research and that of others and are believed to be accurate. No Guarantee of test accuracy is made due to the considerable number of variables which can affect field application and performance of EOS products including but not limited to surface conditions, job conditions. Users and purchasers are encouraged to determine the suitability of this product for particular purposes. EOS SYSTEMS warrants this product to conform to stated specifications and be free of defects at time of shipment. The company makes no other warranties either express or implied.

CUSTOMER/TECHNICAL SERVICE

EOS SYSTEMS provides a variety of technical services regarding the function and use of EOS product. If you have any questions please contact your EOS sales representative for further information 1-281-259-8855.

SAFETY INFORMATION

Please refer to Material Safety Data Sheet