

# PRODUCT BULLETIN

## EOS-NST

### CLEAR PENETRATING SEALER FOR NATURAL STONE

#### PRODUCT NAME: EOS-NST

#### PRIMARY BENEFITS

#### MANUFACTURER:

EOS SYSTEMS  
Endur-O-Seal USA, Inc.  
Houston, Texas 77064  
800-259-885 (281) 259-2281 Fax

#### PRODUCT DESCRIPTION:

EOS-NST is a waterborne, non-flammable polysiloxane penetrating sealer. It is specifically engineered for the treatment of natural stones for the purpose of providing water repellency. EOS-NST provides superior, long term protection against exposure to the elements, such as humidity and moisture, in addition it is resistant to acids and highly alkaline compounds. The product will prevent spotting or staining due to mixture and various liquids. EOS-NST is formulated as a non discoloring system.

#### TECHNOLOGY:

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

- Long – term performance
- Reduces or eliminates efflorescence
- Vapor permeable
- U.V. (Ultraviolet) resistant / extends product life.
- Prevents the water absorption/retention required for the growth of fungi or algae.
- Prevents adhesion of dirt and organic pollutants.
- Dries without staining discoloring or altering the look or feel of the surface.
- Very low VOC's / non-toxic / non-hazardous.
- EOS-NST is a non discoloring treatment.

#### TECHNICAL DATA

V.O.C. Content:	<0.33 lbs./Gal
Flash point:	> +212°F
Penetration:	0.25 - .63 in.
U.V. Resistance (QUV 2000 Hrs.)	Pass
Breathability ASTM D1653	98+ %
Water Leakage ASTM C 67	1.7% Max
Simulated Wind Driven Rain (FS TTP 0035)	N/A

## **SURFACE PREPARATION**

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

## **APPLICATION METHODS**

EOS-NST can be applied by means of spraying with a conventional, airless or Hudson pump up type sprayer. Brush, roller or sponge may be utilized. Make sure the stone to be treated is dry (5% 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 rate stated below or per architectural guide specifications. The following are approximate and may vary due to porosity of material to be treated

- Stone: 250-350 square feet per gallon

## **PACKAGING & STORAGE**

Available in five (5) gallon pails, fifty-five (55) gallon drums, 330-gallon disposable totes. Storage should be maintained between 40 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 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-NST product. If you have any questions please contact a EOS sales representative for further information

## **SAFETY INFORMATION**

Please refer to Material Safety Data Sheet