

TECHNICAL DATA SHEET

DESCRIPTION

Seal Coat 1000 is a waterproof, cement base, heavy duty masonry coating which stops water penetration and prevents water damage while protecting and beautifying concrete and other masonry surfaces. Seal Coat 1000 provides more water proof protection than paint type coatings. It locks out moisture and withstands mild hydrostatic pressure. Seal Coat even breathes, thus eliminating the build-up of water vapor which can cause blistering and peeling. After application, the material will dry in 3-4 hours and will set up in 24 hours to form a hard, water proof protective coating which essentially becomes an integral part of the concrete or masonry surface.

USE

Seal Coat 1000 is especially effective on concrete and masonry walls where it is applied either as a waterproofing coat or mixed with clean washed sand as a heavy coat to conceal mortar joints and to bring wall surfaces to true. Seal Coat 1000 not only out performs typical paint type coatings, but it can also eliminate the need for tuckpointing old masonry buildings. Seal Coat 1000 can be used to eliminate the very time consuming and expensive method of rubbing concrete surfaces to obtain smooth and homogeneous surfaces. Seal Coat 1000 is ideal for waterproofing block, brick, stone, concrete, and other types of masonry. Seal Coat 1000 can be used inside or outside, above grade or below grade for waterproofing basements, water reservoirs, and wall surfaces including masonry, concrete and stucco. It can also be used to waterproof the interior surfaces of stone, concrete and other masonry walls.

FEATURES

- Waterproof coating
- Out performs paint-type coatings
- Uniform, consistent appearance
- Interior or exterior applications
- Breathable coating
- Can conceal mortar joints
- May be painted after curing

Estimating Guide

Smooth Surface:
 First Coat – 150-250 sq. ft./50 lb. bag
 Second Coat – 200-400 sq. ft./50 lb. bag
 Rough or Porous Surface:
 First Coat – 100-200 sq. ft./50 lb. bag
 Second Coat – 200-300 sq. ft./50 lb

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		lbs.	kg.
67390	Bag	50	22.7

STORAGE

Shelf life of unopened bags, when stored in a dry facility, is 12 months. Excessive temperature differential and /or high humidity can shorten the shelf life expectancy. Store in a cool, dry area free of direct sunlight.

Surface Preparation:

The substrate must be sound and free of all foreign material including curing compounds, oil, grease, paint, etc. Surfaces should have a slight profile to ensure good adhesion. Tie rod and other holes, cracks, spalled areas and other large surface voids should be properly patched. Tie rod ends and other steel must be cut back to a minimum depth of 1" (2.5 cm) before patching. All surfaces to be repaired should be in a saturated surface-dry (SSD) condition with no standing water on the surface.

Water Requirements:

Use approximately 4 1/2-5 1/2 quarts of mix water blend per 50 lb. of Seal Coat 1000 (4.3-5.2 liters/22.7 kg bag). Mix water blend normally consists of 1 part Acrylic Bonding Agent J40 to 3 parts clean water. For improved performance or for difficult surfaces increase the ratio of Acrylic Bonding Agent J40 to 1-1 with water.

TECHNICAL DATA SHEET**General Application Procedure:****Standard Application Procedure:**

Dampen surface with clean water just prior to product application. Uniformly apply the first coat with a short bristle brush, making sure to fill in all surface pores and voids. For maximum waterproofing performance apply a second coat after the first coat has dried for 12 hours.

Special Application Procedure:**Exterior Foundations Above Grade Walls:**

After cleaning and preparing surfaces, apply parging coat to conceal mortar joints, and true the wall surfaces. For this purpose, add 25 lbs. (11.3 kg) clean, washed sand to each sack of Seal Coat 1000. After applying parging coat, let dry 12 hours, then seal surface, using Seal Coat.

Basements – Inside Application:

First repair all joints, cracks and holes. Running water can be stopped by applying Waterstop. To relieve any excess water pressure, tap pressure relief holes at the base of wall. Leave holes open until draining is complete. Then fill holes with Waterstop, and coat immediately with Seal Coat 1000. If ordinary water pressure or dampness is present, brush on two coats of Seal Coat 1000.

Back Plastering:

Before placement of backup units, apply one heavy coat of Seal Coat 1000. A minimum of 3 lbs. per sq. yd. will completely fill and seal mortar joints, cracks, pores, and voids on interior surface or exterior wall.

CURING

Protect from rain or excess water for twenty-four hours. In extreme hot and windy conditions moist curing may be required.

CLEAN UP

Use water prior to material setting hard. Hardened material requires abrasive removal methods.

LIMITATIONS**FOR PROFESSIONAL USE ONLY**

Prepackaged material segregates while in the bag, thus when mixing less than a full bag it is recommended to first agitate the bag to assure it is blended prior to use.

Do not place at temperatures below 40°F (5°C) or if the temperature is expected to drop below 40°F (5°C) in the next 24 hours

Protect from rain or excess water for twenty-four hours

Not for use with actively running water. Not intended as a decorative finish, product is concrete gray and variations in color are common.

Do not use on floors.

Always use a freshly mixed batch of Seal Coat (less than 3 hours old).

PRECAUTIONS**READ SDS PRIOR TO USING PRODUCT**

- Product contains Crystalline Silica and Portland Cement – Avoid breathing dust – Silica may cause serious lung problems
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (goggles, safety glasses and/or face shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirement

MANUFACTURER

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TECHNICAL DATA SHEET**WARRANTY**

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.