

PENTENS SBB Primer

Product Data Sheet

Solvent Based Bitumen Primer

Description

PENTENS SBB Primer is a premium quality, quick-drying solvent-based bitumen primer for use in roofing, damp proofing and waterproofing. It is manufactured as a surface dressing to masonry or concrete to improve the bonding of bituminous materials.

Uses

Used as primer coat prior to the application of waterproofing membranes or bitumen coatings, liquid asphalts and asphalt products. Also suitable for use on asphalt in roofing, damp proofing and waterproofing below or above ground level, as well as application to concrete, masonry, metal and asphalt surfaces.

Advantages

- Improves the bonding of bituminous materials.
- Binder for dust particles.
- Surface dressing to masonry and metal surfaces.
- Cold-applied. Heating, thinning and mixing are not required.
- Anti-corrosion.

Instructions for Application

Surface Preparation

The surfaces must be dry, clean, and free from oil, grease and any other foreign matters.

Application:

After stirring, PENTENS SBB Primer can be applied by brush, roller or spray. It should be allowed to dry naturally. When localised, discolored patches appear but they can be recoated to achieve a uniform black finishing.

Technical & Physical Data

Density, kg/liter (ASTM D70)	0.85 – 0.88
Tack Free Time at 30°C	2 hours
Saybolt Furol Viscosity at 25°C (ASTM D88)	25 – 125
Distillation, volume % of the primer: (ASTM D402)	
Up to 225°C	35 (min.)
Up to 360°C	65 (max.)
Tests on Residue from Distillation:	
Penetration at 25°C, dmm (ASTM D5)	20 – 50
Solubility in Trichloroethylene, % (ASTM D2042)	99 (min.)
Water, Volume % (ASTM D95)	0.5 (max)
Packaging	20 kg /pail 180kg /drum

Storage

Store in a dry and shaded area in original packing. Avoid direct sunlight. Shelf life is up to 12 months when stored as above. The container should be kept covered while working to prevent the evaporation of solvent. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.

Instruction for Use

Surface Preparation

1. All substrates must be clean and sound, free from dirt, dust, soil, grease, oil and other loose particles.
2. Stir the solution thoroughly prior to use.

Apply on concrete substrate

1. Apply one coat by brush or spray.
2. A second coat is required for porous substrate.
3. Drying time is 4-6 hours under normal conditions.

Apply on metal structures

1. Clean the substrate by removing rust, scale and dirt using wire brush. Wipe off traces of oil and grease with a suitable solvent.
2. Apply one coat by brush or spray.
3. Drying time is 4-6 hours under normal conditions.

Cleaning

PENTENS SBB Primer can be removed from equipment and tools with any suitable solvent such as gasoline or kerosene. Use hand cleanser or kerosene followed by soap and water to hands.

Coverage

The exact rate will depend on the porosity and smoothness of the surface. Approximate coverage rate is 0.2 – 0.3kg/m².

Health & Safety

PENTENS SBB Primer is solvent-based and contain volatile solvent. It has a low flash point and gives out inflammable vapor. Proper care must be taken when applying the coating. Wear protective mask, gloves, goggles and adequate personal protective equipment during application. Ensure adequate ventilation if used in an enclosed area. Do not smoke. Keep away from sources of ignition. Avoid contact with skin, eyes or inhaling the vapor. Make sure that the container is closed properly after each application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin cleanser followed by plenty of soap and water. Do not use solvent.

PENTENS**UFON NANO-CHEMICAL LTD.**

8F, No.2, Lane 348, Sec 2, Chung-Shang Road,
Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
Tel: +886 2 2240 0220 Fax: +886 2 2242 6536
URL: www.pentens.com
E-mail: pentens@ms35.hinet.net

DONG JI (M) SDN. BHD.

No.8, Jalan TPP 5/7, Taman Perindustrian Puchong,
47100 Puchong Selangor, Malaysia.
Tel: +603 8060 4396 Fax: +603 8060 4394
URL: www.pentens.com.my
E-mail: dji@pentens.com.my