

CWC®SMART BITUPRIME

High Build Cold Applied Bitumen Primer

Description

CWC®SMART BITUPRIME is a cold applied heavy bodied bitumen coating and primer. This product is specially used as primer for APP membrane, liquid applied single component moisture cure PU waterproof membrane and other bituminous sheet membrane.

Indicative Characteristics

Appearance of dry film	Black
Viscosity, (by Brookfield Viscometer), cps, at 25° C	800-1500
Specific Gravity, at 25° C, ASTM D70	0.88
Non-volatile Content, % (w/w), ASTM D402	46
Volatile Matter, % (w/w) ASTM D 402	54
Touch Dry, hours, at 25° C and 60% RH	<4
Hard Dry, hours, at 25° C and 60% RH	<24
Flash Point, °C, (TOC method), ASTM D 3143	46
Water content, ASTM D 95	Nil (Less than 0.1)
Penetration of asphalt from Distillation, ASTM D 5	37
Coverage	0.3-0.5 l/m ² (Depending on surface condition)

Domains of Application

CWC®SMART BITUPRIME is conventionally used as a primer on steel or concrete substrates, to establish bond between the mother surface and subsequent overcoats / membranes. It can also be used as protective coating of concrete structures and protection of galvanized iron in corrosive environment.

Method of Application

Stir the product inside the can, till the consistency is uniform and homogeneous. Use a 4" brush for applying the primer. Concrete substrates should be well cured and free from contaminants, or loose particle.

For steel surfaces, the preferred surface treatment is abrasion blasting, to a minimum class 2½ Swedish standard. For severe (porous) service conditions two coats are recommended. In steel work, **CWC®SMART BITUPRIME** may be applied over 2 pack priming systems or over well cured, single pack primers. In special applications, kindly consult our Technical Service Division for specific recommendations.

Advantages

- Safe as internal protection of potable water tanks.
- Long pot life
- Economical
- Excellent resistance to corrosive elements
- Single Component, easy to use and cold applied.

Packing

18/20 kg metal drum

Shelf Life & Storage

12 months from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

Precautions

- Store the material at the 2° to 40°C temperature range in shaded cool place and keep it away from fire and any heated body. Clean all tools with MEK or any standard solvent before hardening starts.
- Do not smoke during application
- Store the material in a ventilated area
- Highly in-flammable

Safety

- Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet. The MSDS is available on www.cwcchemicals.com