

TECHNICAL DATA SHEET



Water Based Bitumen Coating.



DESCRIPTION

SP7® Bitumen W is a black/brown emulsified, cold-applied bitumen liquid reinforced with rubber. It acts as a damp-proof, vapor barrier for concrete and masonry, and serves as a general-purpose primer for bituminous membranes.

APPLICATIONS

SP7® Bitumen W provides a vapor barrier, protective coating, and curing compound for:

- Underground concrete foundations.
- Concrete and masonry block walls.
- Walls below cladding systems.
- Concrete slabs.
- Basement walls.
- It also works as a primer for concrete and masonry surfaces before applying waterproofing bituminous membranes.

ADVANTAGES

- Resists attack by chlorides and sulfate ions present in groundwater.
- Easy to use.
- Economical.
- Water-based, contains no solvents.
- Does not rot.

STANDARDS

SP7® Bitumen W complies with ASTM D1227-95, Type II, Class 2.

METHOD OF USE

Surface Preparation:

Proper surface preparation is crucial to achieve the highest performance from **SP7® Bitumen W**. Any surface to be coated must be clean, sound, and free of oil or grease. Any oil or grease contamination should be removed with a chemical degreaser. All holes should be filled with a suitable cementitious mortar before the application of **SP7® Bitumen W**.

CHARACTERISTICS & APPLICATION:

It is recommended to apply two coats of **SP7® Bitumen W** at a rate of 3 - 5 m²/liter per coat. The second coat should be applied at a right angle to the first coat. Allow a minimum of 2 hours between coats. Stir well before use. When used as a general-purpose primer for bituminous membranes or other top coats, **SP7® Bitumen W** may be diluted with fresh clean water at a 1:1 ratio (by volume) and applied in one coat at a rate of 3 - 5 m²/liter. The diluted coat should be allowed to dry before applying the top layer. **SP7® Bitumen W** can be applied by brush, broom, or squeegee.

CLEANING

Tools and equipment can be cleaned with water while still wet.

PACKAGING

SP7® Bitumen W is available in 5, 18, and 200-liter drums.

COVERAGE

3 - 5 m²/liter per coat, to achieve a dry film thickness of around 70 - 110 microns per coat, depending on surface roughness.

STORAGE

Store away from direct sunlight and protect from freezing.

SHELF LIFE

SP7® Bitumen W has a shelf life of 12 months from the date of manufacture if stored under proper conditions. If these conditions are exceeded, contact the Smart Stone Technical Department for advice.

CAUTIONS: HEALTH AND SAFETY

As with all bituminous products, care should be taken during use and storage to avoid contact with skin, eyes, and mouth. Wear suitable protective clothing, gloves, and eye/face protection. Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately; do not induce vomiting. For further information, refer to the Material Safety Data Sheet.

FIRE

SP7® Bitumen W is nonflammable.

FOR TECHNICAL SERVICES

VELOCITY® green energy, LLC.
P.O. Box 16506, Irvine CA 92623, United States
Contact us at: **(949) 468-2742**
(888) 508-6191



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End of Technical Data Sheet