

PRODUCT DATA SHEET

SikaWall® Super Blockade

Formerly LaHabra® Super Blockade.

PRODUCT DESCRIPTION

A polymer modified, one component, waterproofing coating for use over Portland cement, concrete and masonry surfaces. It is designed to fill and seal the pores and voids of the surface being treated to prevent the intrusion of moisture. When properly applied, SikaWall® Super Blockade becomes an integral part of the wall.

USES

SikaWall® Super Blockade waterproofs portland cement surfaces above and below grade such as: plaster brown coat, concrete block, poured in place concrete, pre-cast concrete, tilt-up walls, brick and stone. Ideal protection for: Cement, plastered walls, concrete foundations, block walls, reservoirs, tunnels, bridges, water tanks, brick structures or any other concrete, cement or masonry surface subject to moisture related damage. Ideal protection for block walls prior to back-filling. Super Blockade is normally applied to the surface exposed to the moisture.

CHARACTERISTICS / ADVANTAGES

- Requires only water for mixing.
- Simple application
- Eliminates leakage caused by moisture saturation.
- Assists in preventing moisture damage such as; efflorescence, spalling, crumbling, discoloration, etc.
- Non-Toxic, VOC compliant.

PRODUCT INFORMATION

Chemical Base	SikaWall® Super Blockade is a proprietary formulation of portland cements, graded aggregates and chemical additives.
Packaging	50 lb (22.6 kg) net weight in a multi-wall bag.
Color	White or Gray.
Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging.
Storage Conditions	Store dry, off ground and protect from rain and moisture.

TECHNICAL INFORMATION

Compressive Strength	Test Method	Results
	ASTM C-109	7 day: 3900 psi 28 day: 5200 psi
Tensile Strength	ASTM C-190	7 day: 365psi 28 day: 560 ps
Behavior after Artificial Weathering	ASTM G-23 (Carbon Arc)	2000 hours: No surface cracking, blistering, flaking, chalking, crazing, or any other deleterious effects
Freeze-Thaw Stability	ASTM C-67	50 cycles: Passed
Water Absorption	ASTM C-67	24 hours: 4.2%
Salt spray resistance	ASTM B-117	No effect after 300 hours
Water resistance	ASTM D-4068	72" limit of water Manometer: No leakage

APPLICATION INFORMATION

Coverage	Coverage rate or amount of SikaWall® Super Blockade required to complete the job will depend on the surface porosity, texture and thickness. At 1/16 inch (1.5 mm) thickness a 50 lb (22.6 kg) bag will cover approximately 200 sq. ft. (18.6 m2). Two coats are required for the positive (source of moisture) side, or two coats or more for the negative side.
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BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- Do not apply over frozen or frost-filled surfaces.
- Do not use when ambient temperature exceeds 100°F or falls below 40°F within 48 hours after application.
- Do not apply on traffic bearing surfaces. Allow SikaWall® Super Blockade to cure for at least 10 days before filling spas, pools, water tanks, etc. with water.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- All receiving surfaces must be structurally sound, clean, free of dust and dirt, silicones, paint products, efflorescence, or any other contaminant that could hinder bonding ability. Allow new cement and masonry surfaces to fully cure (approximately 28 days) prior to application.
- Surface cracks, holes or voids should be repaired. Smooth surfaces must be cleaned in an abrasive manner (high pressure water blast, scraping, sanding

or sandblasting) to open surface pores and allow for a good bond.

- Painted surfaces must be clean and all PAINT REMOVED. Surface pores should be open to allow for good bond.

MIXING

- Approximately 1.5 to 2 gallons (5.5 to 7.5 ltr) of clean, potable water are required for each 50 lb. (22.25 kg) bag of SikaWall® Super Blockade. It must be mechanically mixed at a slow speed to produce a smooth workable consistency.
- Pour about half the required water into a clean container and begin slow speed mixing while slowly adding SikaWall® Super Blockade. Gradually add more SikaWall® Super Blockade and water and bring the mixture to the consistency of heavy pancake batter. Do not over air entrain with excessive mixer speed. Stop mixing and allow mixed material to stand (fatten) for 10 minutes and then remix. If necessary, add more water to achieve a brushing consistency.

APPLICATION

- Surfaces being treated should be evenly wetted with clean water to control suction. Apply SikaWall® Super Blockade with either a 6" (15 cm) masonry brush or a tampico bristle 10" (25 cm) push broom. After loading bristles, apply a heavy coat using long, even, horizontal

strokes so that all surface pores and voids are filled.
Ensure the material is evenly distributed to avoid excessive build-ups.

- Important: Brush strokes must be in one direction only.
For maximum protection, apply a second coat in the same fashion after the first coat has set up.
- Allow 12 to 24 hours between coats, not more than 24 hours.
- Note: SikaWall® Super Blockade is normally applied to the surface exposed to the moisture.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

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