

# MITCHSEAL

## Siloxane Penetrating Water Repellent Coating

### DESCRIPTION

**MITCHSEAL** is a Siloxane based penetrating sealer designed specifically for the treatment of masonry materials and concrete surfaces. **MITCHSEAL** protects concrete and masonry surfaces from the effects of exterior exposure and weathering. **MITCHSEAL** penetrates deep into the surface pores and reacts chemically to provide a durable, long lasting barrier against water and salt intrusion. This guard of defense can substantially reduce the damaging effects of freeze/thaw cycling, precipitation, acid rain, efflorescence, and dust/ dirt degradation.

### PRIMARY APPLICATIONS

- Concrete and masonry block
- Natural stone
- Brick facings
- Pre-cast concrete
- Clay brick
- Exposed aggregate
- Stucco
- Chimney columns
- Architectural concrete

### FEATURES / BENEFITS

- Deep penetrating pore action for long lasting protection
- Preserves a natural appearance without membrane build-up
- Provides a highly efficient barrier to water and salt ingress
- Allows concrete and masonry surfaces to maintain breath-ability while providing high repellency characteristics
- Easy to use requiring only low pressure spraying equipment or brushes and rollers.
- Economical to use because of its durability over many years.

**MITCHSEAL** is a clear liquid which dries transparent. After placing, the color of the concrete may initially appear darker than the surrounding concrete.



As the sealer cures and dries out, the appearance of the treated concrete will be nearly unaffected in dry weather. Treated concrete will bead water.

### PACKAGING

**MITCHSEAL** is available in 5L & 30 L packs

**Shelf Life:** 1 year in original, unopened package.

### DIRECTIONS FOR USE

**Surface Preparation** -All surfaces to be treated should be clean and free from all dirt, dust, and other forms of contamination that could prevent **MITCHSEAL** penetration. Any membranes present on the surface must be completely removed. Protect adjacent glass and metal surfaces from overspray or accidental contamination. All joint materials should be installed before **MITCHSEAL** application.

Surfaces should be in a dry or damp condition without being saturated.

**Mixing- MITCHSEAL** is ready to use and requires no pre-mixing.

**Placement**-The preferred method of application is with a low pressure sprayer. Brushes or rollers may also be used if enough material can be applied to assure uniform coverage. Use **MITCHSEAL** directly from the container. No dilution is necessary or permissible.

Apply in a uniform manner working back and forth lapping the previous pass.

Avoid extra heavy build-up in isolated areas. One application in two passes is recommended to assure complete, uniform coverage. After the first pass has been completed, come back over the same area with the second pass so that a wet-on-wet process is assured. Passes should follow each other within 15 minutes.

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### COVERAGE

Required coverage rates will vary greatly depending on surface density and porosity. In some cases, test sections may be necessary to develop a feel for adequate coverage. In general, coverage rates 2.4-3.7 m<sup>2</sup>/liter are recommended.

### CLEAN-UP

Tools and equipment may be cleaned with xylene, toluene, or mineral spirits.

### TECHNICAL INFORMATION

#### Typical Engineering Data

The following results were developed under laboratory conditions.

Active ingredient	Siloxane
Flash point	44°C
ASTM C-67 Water Absorption (multi-celled brick raked face) 24 hr. immersion	0.259%
Drying time	4-6 hours
Traffic	6-8 hours
V.O.C	762 g/l

### PRECAUTIONS/ LIMITATIONS

- Do not use over membrane forming sealers.
- Masonry temperature at the time of application should be above 40°F (4°C).
- New concrete and masonry surfaces should be a minimum of 14 days old and have undergone some drying before **MITCHSEAL** application.
- Confined or inside areas must be properly ventilated.
- Protect adjacent areas from overspray.
- **COMBUSTIBLE** - Keep material away from open flame.
- No traffic until the product has cured and dried.
- All joint materials should be installed before **MITCHSEAL** application.