



## **HAWCO Products Ltd.**

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**CEMDRI - Silicone Water Repellant for  
all Masonry Surfaces**

**Technical  
Bulletin 7  
10073**

**CEMENT CHEMICAL DIVISION**

### **CEMDRI**

#### **SILICONE WATER REPELLENT FOR ALL MASONRY SURFACES**

CEMDRI is a clear silicone surface water-repellent which prevents moisture penetration of all porous building materials, such as clay or concrete bricks, tiles, concrete, cement render, sandstone, asbestos-cement, stucco, etc. It is most effective for keeping tile joints clean in shower recesses. It is not suitable for timber.

#### **DOUBLE STRENGTH**

CEMDRI has a 5% silicone content nearly twice that of most similar products currently available.

#### **WATERPROOF**

CEMDRI deposits an invisible waterproof barrier which effectively keeps out rain, but does not stop the treated surface "breathing". It must be applied to the **outside** of a building - it will not stop dampness if applied on the inside. Use **CEMTUF** for this purpose.

#### **COLOURLESS**

CEMDRI does not alter the colour of any surface. It is quite invisible.

#### **REPELS DIRT**

CEMDRI prevents the penetration of water-borne dirt into the surface of porous materials - keeps surfaces clean and fresh for years - makes the cleaning of dusty surfaces simple, too.

#### **ALKALI RESISTANT**

Many silicone preparations break down on new concrete surfaces. **CEMDRI's** unique base resin is highly alkali-resistant. It can be safely applied on 30-day-old concrete without fear of breakdown.

#### **PAINTING**

Practically all paints, except cement-based ones, can be applied over **CEMDRI**. Acting as a sealer, it prolongs their life by preventing moisture penetration. **CEMDRI** is effective over cement paint.

#### **FLOORS, TOO**

CEMDRI can be used on concrete floors, patios, paths, etc. It prevents the penetration of many harmful liquids and water-borne dirt - makes cleaning easy, too. N.B.: Do not use detergents on **CEMDRI** - they neutralise the repellent properties.

#### **INSULATION IMPROVED**

Water-logged surfaces have poor insulating values. **CEMDRI** keeps buildings warm in winter, cool in summer by repelling moisture.

#### **LONG LASTING**

CEMDRI remains effective for 6-10 years, depending upon location, exposure to sun, etc. On floors life expectancy is much lower - about 2 years.

#### **DIRECTION FOR USE**

#### **PREPARATION**

Surfaces to be treated should be in good repair - all holes, cracks, etc., should be made good. Dirt, grease and paint should be removed.

Surfaces must be completely dry before application - two or three days of dry weather are usually sufficient.

**CEMDRI** can be applied by brush or low-pressure spray - do not use atomising sprays. As a penetration of at least 1/8" is required, the surface should be flooded liberally. A fluid run-down of 6"-8" is a good indication of correct flooding.

## **COVERAGE**

One gallon of CEMDRI covers:—

Hard brick, concrete	150 sq. ft.
Cement render, asbestos - cement	125 sq. ft.
Concrete blocks, soft and texture bricks, stucco, sandstone	100 sq. ft.
Cement textures	75-100 sq. ft.

Unless an adequate flooding is achieved, CEMDRI will not be really effective and/or its life will be considerably reduced.

CEMDRI takes 24 hours to develop maximum water repellency.

## **DILUTION**

When used on extremely porous surfaces such as cement texture sprays, texture bricks, etc., CEMDRI may be diluted with up to  $\frac{3}{4}$  gallon Mineral Turps per gallon of CEMDRI.

## **CLEANING**

White spirit can be used to remove CEMDRI accidentally sprayed on windows. The solvent in CEMDRI may soften some oil-based paints, but if allowed to dry without rubbing, should not affect them.

## **N.B.**

**DO NOT** apply inside to stop moisture coming in from outside.

**DO NOT** apply on painted surfaces (except cement paint).

**DO NOT** apply on non-porous surfaces, such as granite, marble, glazed tiles, etc.

**DO NOT** apply on new concrete or render until it is 30 days old.

**DO NOT** apply to surfaces where cement paints are to be used - use on top of these.

**DO NOT** inhale vapours of CEMDRI when spraying.

**DO NOT** atomise when spraying.