

# Repelicone X

Surface treatment for preventing efflorescence in tiles and stone



## DESCRIPTION

Repelicone X is a transparent, ready for use, single component, water based liquid specially formulated as a surface treatment to prevent water, salts, alkali and other contaminants from reaching the surface of the tiles, and hence it blocks efflorescence and prevents surface discolouration, streaks, and stains when applied on the back of porous tiles and natural stones.

Repelicone X also works as a water-repellent when applied on tiles and natural stone.

## APPLICATIONS

Repelicone X can be applied on tiles and natural stones in interior and exterior applications to prevent rising damp and block efflorescence.

It can be used when tiling walls, floors, kitchens, bathrooms. It is ideal for granite, marble, natural stones, terracotta and absorbent materials.

Repelicone X can also be used to treat and protect stone façade against water and salt efflorescence.

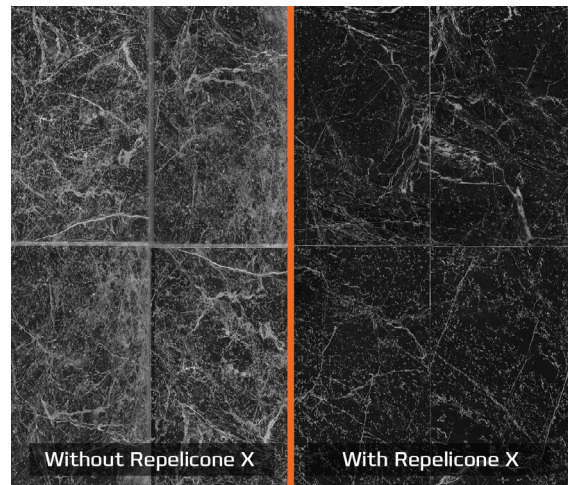
## ADVANTAGES

- » Water based, environmentally friendly.
- » Prevents salt efflorescence.
- » Prevents surface discolouration.
- » Breathable, allows for water vapour release.
- » Efficient barrier against migrating alkalis and contaminants.
- » Provides enhanced water-repellent, beading effect and lower water absorption when applied to the top of the tile.
- » Very good resistance to dust and dirt pick-up when applied on the tile surface.

## METHOD OF USE

### SURFACE PREPARATION

Surface where the material is to be applied must be clean, dry, sound and free from oil, grease, curing compound, or any contamination. Both sides of the tile should be cleaned carefully removing any dust, residues, or loose particles.



## TECHNICAL PROPERTIES @ 25°C:

Appearance:	Clear
Specific gravity:	1.04 ± 0.05
Water absorption compared to untreated sample:* EN 1062-3, 24 hr immersion	Stone: 85 - 90% reduction Marble: 40 - 50% reduction
UV resistance:	No yellowing or deterioration
VOC:	< 10 g/ltr (comply with LEED)

*\*Results may differ depending on type of tile / stone and its porosity.*

## APPLICATION

Apply Repelicone X evenly and continuously on the back and sides of the tiles or natural stone using a soft bristle brush or airless pump and avoiding any surface pooling.

If necessary, apply one or more coat depending on the porosity of the tiles, allow 30 minutes of drying time between coats. Repelicone X can also be applied on the top side of the tiles (6 sides) to create a water-repellent beading effect on the tile surface.





# Repelicone X

Another application method is to immerse the tiles or stone facade in Repelicone X for approximately 30 seconds, dab the material with a clean dry cloth to remove any residues on the surface before it dries. Allow applied Repelicone X for 12 - 24 hours until completely dry before laying the tiles.

## CLEANING

Tools and equipment can be cleaned with water when wet.

## PACKAGING

Repelicone X is available in 5 litre and 20 litre plastic pails and 200 litre plastic drums.

## COVERAGE

10 – 12 m<sup>2</sup> per litre depending on the porosity of the substrate.

## STORAGE

Repelicone X should be stored in dry conditions between 5°C and 30°C, protect from frost or direct sunlight.

## SHELF LIFE

Repelicone X has a shelf life of 12 months from date of manufacture if stored in proper conditions and sealed drums.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

## CAUTIONS

## HEALTH AND SAFETY

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

Repelicone X is nonflammable.

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A wide range of construction chemical products are manufactured by DCP which include:

- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

### Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

