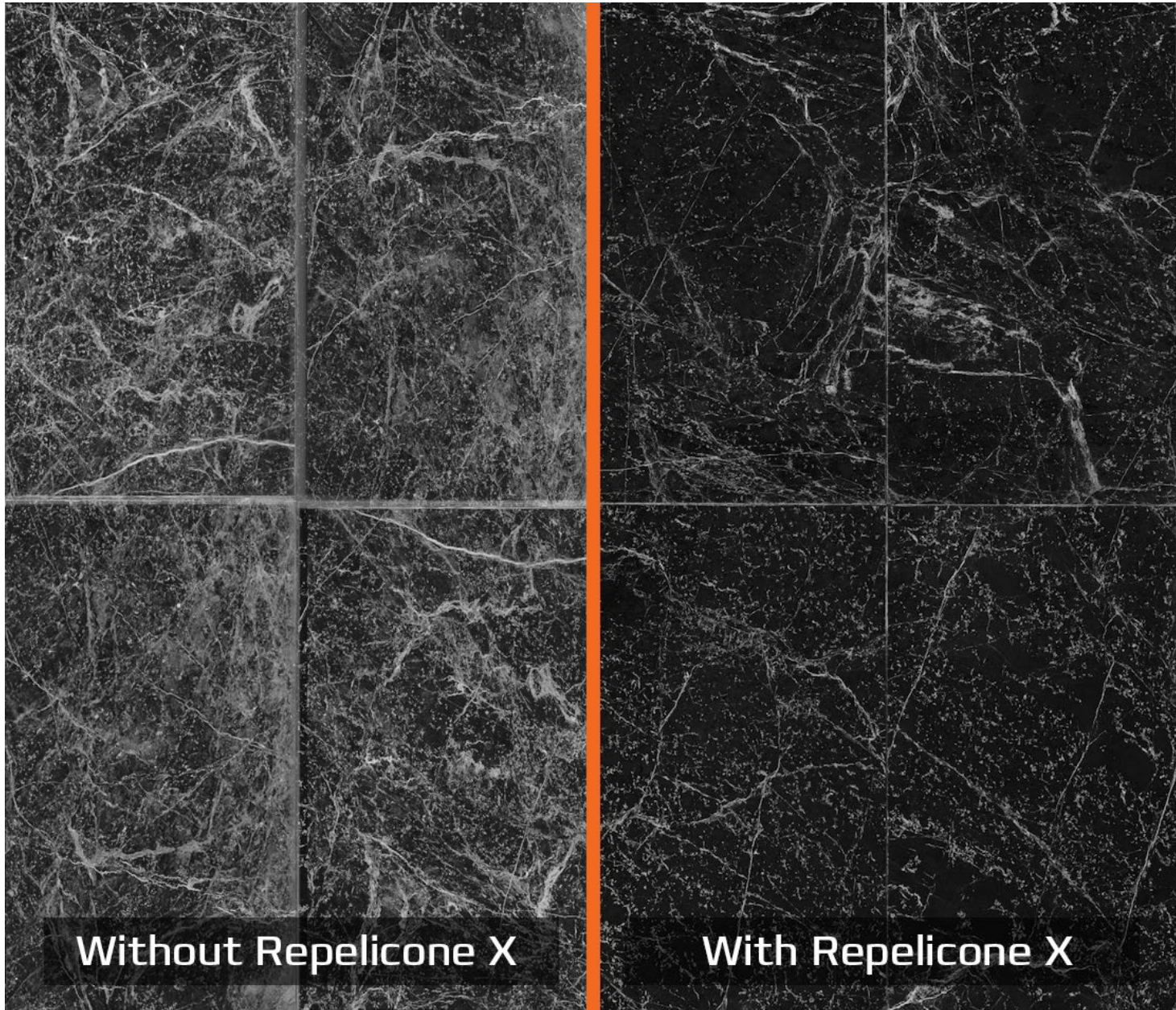




Method Statement

Ref. #: DCP00/06-0064-A-2024



Without Repelicone X

With Repelicone X

Repelicone X

[Surface treatment for preventing efflorescence in tiles and stone]



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Section A : General Comments

General Notes:

The information below is a detailed overview of the application of DCP's **Repelicone X** surface treatment coating system and should be read in conjunction with the relevant technical data sheet prior to application. All DCP Products should be applied by experienced specialist contractors.

All the points below assume the correct preparation of the relevant surface.

High-Temperature Working:

Application temperature ranges from 5°C to 30°C. However, It is suggested that, for temperatures above 30°C, the following guidelines are adopted as good working practice:

- i. Unmixed materials and equipment should be stored in a cool shaded area and away from direct sunlight.
- ii. Avoid application during peak temperature of the day.
- iii. Plan for enough materials, tools, and labor to ensure continuous applicant process.
- iv. Ensure proper and adequate ventilation.

Low-Temperature Working:

It is suggested that, for temperatures below 5°C, the following guidelines are adopted as good working practice:

- i. Unmixed materials should be stored in a warm.
- ii. Avoid applying the waterproofing membrane if the temperature is around 5°C and falling.
- iii. Do not apply under rain or snow, and avoid dew points conditions during application.

Tools and Equipment:

It is suggested that the following list of equipment are adopted as a minimum requirement

- | | | |
|----------------------------|---|-----------------------------------|
| <i>Personal protection</i> | : | <i>Protective overalls</i> |
| | : | <i>Goggles or a face mask</i> |
| | : | <i>Good quality gloves</i> |
| | : | <i>Safety shoes</i> |
| | : | <i>Safety helmet</i> |
| | | |
| <i>Equipment</i> | : | <i>Soft bristle brush (Fig.1)</i> |
| | : | <i>OR</i> |
| | : | <i>Airless spray pump (Fig.2)</i> |



Fig.1: Soft bristle brush



Fig.2: Airless spray pump



Section B : Application

1.0 Substrate Preparation

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

2.0 Mixing

- 2.1 **Repelicone X** is a ready to use single component material that doesn't require mixing. only stir **Repelicone X** thoroughly prior to application.

3.0 Application

- 3.1 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.
- 3.2 Ensure a continuous coat is achieved.
- 3.3 If necessary, apply one or more coats depending on the porosity of the tiles.
- 3.4 Allow 30 minutes of drying time between coats.
- 3.5 **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.
- 3.6 **Another application method** is to:
 - 3.6.1 Immerse the tiles or stone facade in **Repelicone X** for approximately 30 seconds.
 - 3.6.2 Dab the material with a clean dry cloth to remove any residues on the surface before it dries.
- 3.7 Allow applied **Repelicone X** for 12 - 24 hours until completely dry before laying the tiles.

4.0 Cleaning

- 4.1 All tools used for **Repelicone X** must be cleaned immediately after application with fresh clean water.

Section C : Cautions

Health and safety

If accidental skin contact occurs, remove it immediately with plenty of clean water. If swallowed, seek medical attention immediately.

Fire:

Repelicone X is nonflammable.

For further information on refer to the Material Safety Data Sheet.



Section D : Approval and Variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Repelicone X**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to DCP for approval, in writing, prior to commencement of any work. DCP will not accept responsibility or liability for variations to the above method statement under any other condition.