

Monorelease Method Statement (Powdered release agent for stamped concrete)

Section A : General Comments

High temperature working

It is suggested that, for temperatures above 30°C, the following guidelines are adopted as good working practice:

- (i) Store materials in a cool environment, avoiding exposure to direct sunlight.
- (ii) Keep equipment cool, arranging shade protection if necessary.
- (iii) Avoid application through peak temperatures of the day, arrange temporary shading as necessary.
- (iv) Plan for enough material, tools and labour to ensure that the application process continues without interruptions.

Equipment

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

<i>Protective clothing</i>	:	<i>Protective overalls Good quality gloves, goggles and face mask</i>
<i>Application equipment</i>	:	<i>Stamping mats, pounder, steel trowel, high pressure washer hose</i>

Section B : Application

1.0 Application

- 1.1 Apply concrete floor hardener "Monotop" according to the detailed application instructions of stamped concrete.
- 1.2 Eliminate any float marks of Monotop using a "Fresno" or blue steel trowel; the surface should be troweled well to achieve the final finish.
- 1.3 Prior to imprinting, the trowelled slab should be covered with Monorelease at a rate of 5 - 7 m²/kg.
- 1.4 The crew should be equipped with a minimum of 6 or more mats and a floppy. Adequate and enough hand tools should be available to complete the whole area
- 1.5 Using a reference line, begin by placing the first mats using this line and move across the slab. When stamping, the mats should be tamped using a special pounder without delay.



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- 1.6 The finished slab should be left for a minimum of 2 – 3 days to set.
- 1.7 All excess powder release agent “Monorelease” should be brushed off and then cleaned using pressurized water.
- 1.8 The slab must be completely dry before the sealer coat is applied.

Notes:

- *Detailing and repair work should be done once the excess Monorelease has been removed.*
- *Monorelease is commonly applied with a different colour than Monotop to accentuate or emphasize the base colour for a natural look.*
- *Be sure when applying Monorelease that the substrate is free from surface water.*
- *Uneven application can lead to uneven colour patterns on the finished stamped concrete.*
- *Any Monorelease sticking to the moulds should be cleaned.*
- *Do not leave moulds in the same position for too long.*
- *Do not leave an excess of Monorelease adhering to the concrete as this may affect the adhesion of the sealer.*

Section C : Approval and variations

This method statement is offered by DCP as a ‘standard proposal’ for the application of **Monorelease**. 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.



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