



# Duracon SL Flooring System

Application of Duracon SL system to concrete floors

Specification No:

Date Prepared: September 2023

Project & Address:

\_\_\_\_\_  
\_\_\_\_\_

Certified Applicator:

\_\_\_\_\_

Building Contractor:

\_\_\_\_\_

Building Owner/Property Manager:

\_\_\_\_\_

## 1. Statement of Intent

- (a) This checklist is to be completed by both the Equus Applicator and the Building Contractor, as a step by step record of compliance with both the Equus Specification provided for the contract, and the requirements of the Manufacturers for Warranty.
- (b) A copy of this checklist must be forwarded to the nearest Regional Office of Equus Industries Ltd. A Warranty will not be issued by Equus Industries Ltd. without a copy of this Checklist being filed.
- (a) A copy of this checklist should form part of the Contract Documentation filed with the Property Manager on job completion.

## 2. Areas Treated

The areas to which the **Duracon SL Flooring System** is applied are detailed below, with reference to plans (where appropriate).

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 3. Sign Off

We confirm that all applicable processes listed in Section 4 have been correctly completed and that sign-off on each stage has been made by a person with the authority to do so.

For: \_\_\_\_\_ (Signature)  
(Building Contractor)

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (Name)

For: \_\_\_\_\_ (Signature)  
(Equus Applicator)

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ (Name)



#### 4. Checklist And Method Statement

\* Denotes those processes which must be signed off by the Building Contractor as well.

No.	Process	Completed On	Building Contractor	Equus Contractor	Notes
1.*	All concrete surfaces shall be prepared with suitable methods to achieve a clean and porous surface. Check corresponding Specification for further instructions.				
2.	All surfaces shall be treated with Equus <b>Mosskill</b> solution (where required) to kill all moss/mould spores and growths. Stipulated kill -times shall be observed.				
3.	Surface imperfections shall be patched using <b>Ready Rep Mortar</b> .				
4.	Shrinkage cracks in the concrete surface which are 1 mm wide or greater shall be ground out to a minimum 6 mm-wide by 10 mm-deep before treatment. Pour <b>Duracon 223</b> into the crack, after the primer has been applied, in accordance with Manufacturer's instructions.				
5.	All hairline cracks and untreated cracks up to 1 mm wide shall be stripe coated with a 150 mm-wide strip of <b>Duracon 223</b> resin applied at 1kg per m <sup>2</sup> , embedding an 80 mm Equus Jointing Tape into the wet resin if required. This is to be done after priming.				
6.	All saw-cut cracks or joints shall be neatly filled with <b>Matacryl LM</b> finished flush with the concrete surface. Backer Rod or bond breaker tape shall be used as appropriate to ensure that the sealant does not adhere to the bottom of the joint.				
7.	On concrete substrates apply suitably-catalysed <b>Duracon108 Primer</b> to achieve a spreading rate of 0.3 - 0.5 kg per m <sup>2</sup> , depending on surface porosity, to obtain a continuous resin film. Broadcast 0.3—0.7 mm quartz into the wet wear layer at 0.3kg per m <sup>2</sup> .				
8.	On metal or plastic substrates apply suitably-catalysed <b>Duracon 107 Primer</b> to achieve a spreading rate of 0.2 kg per m <sup>2</sup> to obtain a continuous resin film. Allow to cure for 45 – 60 minutes, depending on site conditions and percentage of Catalyst added.				
9.	Install fillets and coving using <b>Duracon BFK Cove Mix</b> . Install as per manufacturer's instructions.				



#### 4. Checklist And Method Statement

\* Denotes those processes which must be signed off by the Building Contractor as well.

No.	Process	Completed On	Building Contractor	Equus Contractor	Notes
10.	Mix <b>Duracon 205</b> with <b>SNL Powder</b> (at 1:2 ratio in weight) and catalyst as per mixing instructions. Pour onto substrate and spread out to 3 kg per m <sup>2</sup> . Apply this coat by notched trowel or squeegee and then spike roll. Allow 45 – 60 minutes to cure, depending on site conditions and percentage of Catalyst added.				
11.	Apply suitably-catalysed <b>Duracon 307 Topcoat</b> to achieve a spreading rate of 0.25-0.3 kg per m <sup>2</sup> . Allow to cure for 45 – 60 minutes, depending on site conditions and percentage of Catalyst added. Broadcast suitable aggregate for non-skid application if required.				
12.	Apply another coat of <b>Duracon 307</b> to achieve a spreading rate of 0.2 kg per m <sup>2</sup> . Allow to cure for 45 – 60 minutes, depending on site conditions and percentage of Catalyst added.				
13.	All construction and expansion joints formed in the floor base must be carried through the <b>Duracon SL System</b> . All construction and expansion joints shall be prepared and primed with <b>Duracon 108</b> and must be filled with an oversized backing rod correctly placed and sealed with <b>Matacryl Manual LM</b> (always respecting the 2:1 width-to-depth ratio).				
14.	If any penetrations are made in the <b>Duracon SL System</b> after installation, all fixing holes shall be filled with <b>Tremco Dymonic FC</b> (PU sealant) and half screw the bolts in, leaving the sealant to cure for at least 6 hours. After 6 hours, finish the screwing process. This will act as a gasket.				