



CELEBRATING  
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1982-2022



# Duracon BC Flooring System

Application of Duracon BC 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 BC 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 (if 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 prior to treatment. Pour <b>Duracon 223</b> resin into the crack, after the primer has been applied. Mix in accordance with the 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/m <sup>2</sup> and embedding an 80 mm Equus Jointing Tape into the wet <b>Duracon 223</b> resin if required. This is to be done after priming.				
6.	All saw-cut cracks or joints shall be neatly filled with <b>Matacryn Manual 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.	Apply suitably-catalysed <b>Duracon 108 Primer</b> to the concrete substrate at a spreading rate of 0.3 - 0.5 kg per m <sup>2</sup> , depending on surface porosity. Ensure a continuous resin film. Broadcast 0.3-0.7mm 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.	Fillets and coving shall be installed using <b>Duracon BFK Cove Mix</b> following the 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> or <b>2223</b> with <b>SNL Powder</b> (ratio of 1:2 in weight) and catalyst as per mixing instructions. Pour onto substrate, spread out to 3 kg per m <sup>2</sup> . Apply this coat by notched trowel or squeegee and then spike roll. Broadcast 0.7 – 1.2mm <b>Walton Park 18/36 Aggregate or Coloured Quartz</b> into the wet resin mix at 3 - 4 kg per m <sup>2</sup> to excess. Allow 45 – 60 minutes to cure, depending on site conditions and percentage of Catalyst added.				
11.	Apply suitably-catalysed <b>Duracon 307 Topcoat or 319 Topcoat (high temperature)</b> to achieve a spreading rate of 0.5 kg per m <sup>2</sup> . Allow to cure for 45 – 60 minutes, depending on site conditions and percentage of Catalyst added.				
12.	Apply another coat of <b>Duracon 307 or 319</b> to achieve a spreading rate of 0.2kg 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 BC 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 BC System</b> , all the fixing holes shall be filled with <b>Tremco Dymonic FC</b> (PU sealant) and bolts half screwed in, leaving the sealant to cure for at least 6 hours. After 6 hours, finish the screwing process. This will act as a gasket.				