



## Epoxy BS3000 Breathable Coating Systems



FeRFA Type 3 System  
DFT = 300 - 350 $\mu$

### Typical Areas of Use

- Workshops
- Car Park Inter Decks
- Clean Rooms
- Laboratories
- Warehouses
- Production Halls
- Hygienic Wall coatings
- Plant Rooms
- Data Centres
- Old Buildings with no DPM

1. Surface preparation by suitable mechanical means such as diamond grinding or captive shot blasting.
  2. On particularly dense substrates such as Optiplan screed, Apply a primer coat of Epoxy BS2000 by squeegee and roller.
  3. Application of 1-2 top coats Epoxy BS3000 SG by squeegee and roller.
- For additional scratch, slip and chemical resistance, apply a finishing coat of PUR Top M+ by short pile PUR roller.

### System Properties:

- |                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| • 65% Solid WB Coating                          | • Non Taint / Food Safe                       |
| • Slip Resistant Options                        | • Anti Static Version >10 <sup>6</sup> option |
| • Fire Tested EN13501-1 Br- S1                  | • Moisture tolerant up to 6%                  |
| • Abrasion - 0.07g Taber CS17<br>0.012g with M+ | • Silk Gloss and Matt options                 |
| • Low VOC meeting DIBt Criteria                 | • Low Odour                                   |
| • Nuclear Approved - DIN 25415                  | • Wide Colour Range                           |

### Suitable for Surfaces

Clean concrete without surface sealer	
Prepared concrete and screeds	
Well adhered existing coating, subject to trial.	
Surfaces prepared by hand grinding	
Suitably prepared walls.	



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Item	Operation	Material / m <sup>2</sup>
1	<p><b>Surface Preparation</b> The substrate shall be prepared by suitable means to remove all contaminants and weakness to give a clean, sound load-bearing surface. If over coating an existing finish a trial shall be conducted to assess bond.</p>	
2	<p><b>Primer Coat (if Required)</b> The surface is coated with Epoxy BS2000 by squeegee and roller to penetrate, stabilise and seal the substrate.</p>	0.20 kg/m <sup>2</sup>
3	<p><b>Top Coat (s)</b> The surface is coated with Epoxy BS3000 SG in the desired colour shade by Squeegee and roller. Once cured a second coat is applied in the same colour.</p> <p>For additional wet slip resistance, ADD 250 can be added to these coats at a total of 5% by weight of resin. For wet slip resistance &gt;36 by TRRL pendulum, add 2.5% by weight into both coats.</p> <p>For increased levels of scratch, chemical and slip resistance, apply a performance seal coat with PUR Top M+. Ensure seal coat is applied cross directionally to ensure an even finish.</p>	<p>0.20 kg/m<sup>2</sup> per coat</p> <p>0.12kg/m<sup>2</sup></p>

**Notes:**

Application rates and coverage are theoretical and do not allow for surface profile variation, wastage or variation in application technique. In the case of high substrate roughness you should allow for additional levelling material to be used.

For an anti-static version of the BS3000 coating system, see system guide SS 333 for guidance.