BUXTON
FLOW SCREEDS

Laitance Removal

Call: 020 3369 3396 / 07590 625100
Email: info@buxtonflowscreeds.co.uk

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Laitance Removal

Laitance appears after the liquid screed has hardened within 48hours of install. It is the build up of fine particles on the surface of freshly laid liquid screed due to the upward settlement of water. This settlement of water is exaggerated when tamping the liquid flow screed. The presence of Laitance will not only slow down the screed from drying, it will also cause a very poor bond between the floor adhesive and the screed.

Following installation of liquid screed, time must be given for the screed to cure and dry out before laying your floor coverings. This is all dependant on the screed type used, depth of screed and also the environmental conditions surrounding it. Once your liquid screed floor has been drying for 5 – 14 days it is recommended that the laitance should be removed at this stage as the longer it is left, the harder and more stubborn it is to remove. We use the correct machinery and diamond cup discs to remove this extremely hard material.

Benefits

1. **Removal of laitance**
2. **Removal of all building residues**
3. **Provide a mechanical key**
4. **Open up the screed pours to encourage faster drying times by allowing the moisture to rise out**

Although it is the responsibility of the floor finishing contactor to prepare his surface by removing laitance, we are more than happy to provide this service of laitance removal. We would recommend that this service is booked in at the same time as the liquid screed installation. This will allow us to give the correct estimate for the type of screed used and an up to date survey of the surface area.

Other Factors

Moisture Testing
Before installing any floor covering, it is critical to test the screed's moisture content using an approved method such as a digital Hygrometer. the desired result will depend on the floor finish to be adhered or floated and the adhesive to be used. Please refer to adhesive manufactures instructions.

Sealing
Once the screed has had the laitance removed and is dry, the floor must be sealed in order for the floor covering adhesive or glue to stick / bond well to the substrate / screed. Common sealers used are Acrylic primers and SBR. Please check adhesive manufactures instructions for recommended sealers and primers.

Adhesives and Compounds
Anhydrite Liquid Screeds. If installing tiles, you will need to use an Anhydrite based tile adhesive. If installing LVT then an anhydrite based smoothing compound is to be used as a base.

Cement Liquid Screeds. All standard cement tile adhesives and smoothing compounds are compatible.

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