

BC Floor 1000 SL

Description:-

BC Floor 1000 SL is a specially selected epoxy system for new and old concrete floor to provide a hard wearing, chemical resistant, impervious and easy to clean seamless floor topping. BC Floor 1000 SL is a unique blend of polymer resins and special aggregate designed to level pitted, and worn concrete floor quickly and easily.

It has excellent chemical resistance and is flexible enough to withstand impact while remaining sufficiently strong to withstand industrial traffic. It is a 100% reactive system totally free of solvent

Features & benefits:

Flowable consistency for self levelling application.
Its solvent free formulations make low odor during application.
Bonds tenaciously to become an integral part of the floor.
Easy application and easy to maintain.
Cures to dense, impervious seam-free continuous surface.
Excellent durability and impact resistance.
Available in a wide range of colors.

Basic uses:

Pharmaceutical Industries
Chemical Plants
Manufacturing Plants
Warehouses
Showrooms
Auto/Truck repair bays.
Laboratories
Hospitals



Curing schedule:

Tack free	6 hours
Light traffic	24 hours
Fully Cure	7 days

Sequences of application:

Surface preparation of the substrate.
Priming of the substrate.
Laying self-levelling epoxy floor topping.

Surface preparation of the substrate:

The concrete should be at least 28 days old and shall be free from any contaminants such as oil, grease, curing membrane, etc.
This can be achieved by mechanical means such as mechanical scarifier, shot / sand blaster, etc.
If the substrate is acid etched it should be thoroughly cleaned with fresh water and allowed to dry.
The cement laitance / projections shall be removed thoroughly and the pot holes shall be levelled with BC Poxy Putty 2000 / BC Poxy Mortar 5000 to achieve an even surface. The surface over which the
BC Floor 1000 SL is to be laid must be flat and suitably prepared.

Priming:

The prepared substrate shall be primed with BC Poxy primer 349 before applying BC Floor 1000 SL

If the substrate is observed to be porous, it shall be primed again and puddling of the primer shall be avoided.

The primer shall be allowed to dry, "tack free", before laying BC Floor 1000 SL



NOTE:

Application of BC Floor 1000 SL shall not be delayed more than 24 hours after priming the substrate.

Mixing:

BC Floor 1000 SL comprises three components, base resin, hardener and filler.

The hardener shall be poured into the base resin in the mixing vessel and shall be mixed thoroughly for 2 minutes using heavy duty slow speed drilling machine fitted with paddle.

Aggregate shall then be added slowly and mixed for 3-5 minutes to achieve a uniform consistency.

The areas to be laid shall be marked for every one to two packs to achieve a uniform thickness as recommended.

For large areas, planning of laying sequences is essential.

Laying Continuous placement of an adequate quantity of material is necessary to provide the most uniform and level surface.

Start in one corner and place a continuous stream of material along one edge of the area and back up the first placement strip as soon as possible to achieve a uniform, level surface.

