

BC Poly SL

Product Description:-

BC Poly SL is polyurethane based flooring system, which possess high tensile strength with excellent balance of elongation, abrasion resistance, hardness and sound deadening properties. This system comprises the following solvent free primer/sealer, solvent free

Self-levelling polyurethane and a UV resistant aliphatic polyurethane top coat.

Features & Benefits:

Flowable consistency for self-levelling application.
Bonds tenaciously to become an integral part of the floor.
Easy application and easy to maintain.
Excellent durability and impact resistance.

BC Poly SL:

Mixing Ratio A : B	100 : 23 part by
Pot Life at 250C	40 ±5 minutes
Shore A hardness	85 ±5
Tensile Strength	1800 psi

Preparation:

The hardener should be poured into the base resin in the mixing vessel and shall be mixed thoroughly for 2 - 1 minutes using heavy duty slow speed drill (400 rpm) with mixing prop, together using 5 kgs of NSA aggregates # 2. The mixing shall be then continued for 5 - 3 minutes to achieve a uniform consistency.

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.

A serrated trowel shall be used to spread the material evenly to achieve the required thickness.

Wait few minutes and then use a spiked roller to back roll the material to disperse any entrapped air and to further level the material. Light rolling may then be required if air release is still apparent in the surface. The rolling can be continued until the roller marks take two minutes to disappear.



Clean Up:

Clean tools and equipment with Solvents

Equipments / Tools:

Shot / Sand blaster, Scabblor, Grinder, Masking tape, Serated Trowel, heavy duty slow speed drilling machine fitted with suitable paddle, Spiked roller, Spiked shoes. brushes, etc.

Shelf-Life:

One year. The products shall be stored away from direct sunlight and shall be protected from extreme temperatures..

Health & Safety:

Avoid application when the air and floor temperature are below 50° F. (10°C).

Store indoor at 45° to 110° F (7° to 43°C) do Do not use without a primer.
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Solvents are Flammable. Keep away from heat, sparks, open flame, or lighted cigarettes.

Use explosion-proof application equipments.

Application of Top Coat :

BC PU Top coat may be applied by all conventional means including spray equipment, roller and brushes. The recommended application rate of BC PU Top coat is two coats mini mum. A third coat may be needed depending on job requirements. The second and third coat may be applied after an overnight cure, but it is import- ant, for proper bonding, not to wait for more than

