

ISOLION SLF 155 SELF-SPREADING NON-SHRINK LEVELING CEMENT FINISH

Product Definition	<ul style="list-style-type: none">› It is leveling cement finish without shrinking that is single-component, cement-based, that is strengthened with synthetic polymers and chemicals, with increased adhesion power and self-leveling.
Fields of Use	<ul style="list-style-type: none">› Used in internal and external areas,› Used as leveling cement finish under materials such as faience, ceramic, granite ceramic, marble, natural granite, parquet, PVC and carpet.› In desired locations demanding high strength (in Store Showroom and industrial floors)› Used in places requiring self-leveling applications.
Characteristics and Advantages	<ul style="list-style-type: none">› Has the ability to spread and self-quick freezing.› Does not shrink, and receives its level by itself.› Can be opened to traffic around 4-6 hours. It will become ready for furnishing around 24 hours later.› Suitable for industrial floors, can be used in machine grounds as long as there are no vibrations.› Does not crack in thick applications and adheres perfectly.› It is easy to apply.› Its surface can be sanded.
Application Details Surface Preparation	<ul style="list-style-type: none">› Surfaces should be clean, smooth and solid as purified from adhesion prohibiting materials and wastes such as dust, oil, dirt, rust, mold lubricant and detergents. Surfaces should be level, weak parts should be removed. If any cracks and holes exist on the surface to be applied, they should be repaired with ISOLION REPAIR MORTAR. For better adherence and fewer level errors, ISOLION ASE 156 should be used in absorbent surfaces, and ISOLION ASP 157 should be used for polish surfaces. Prepared material is poured by spreading on surface applied with lining.
Application	<ul style="list-style-type: none">› 25 kg powder form of ISOLIO SLF 155 is poured into 5-6 l clear water located in a clean container. Material poured into a container is mixed until a homogeneous mixture without lumps is achieved with the help of low speed mixer or a drill. Mixing duration should be 5 min. at least. Mortar achieved at the end of process is rested for 3 minutes (to let organic materials inside to be solved), and then it should be mixed for 2 minutes until it becomes homogeneous. Mortar ready to be used is poured on the place of application. Poured mortar is spread on the surface with the help of trowel. To prevent shrinking, corner joints are connected with the help of trowel. Spiked roller is used to eliminate bubbles on the surface.

Warnings and Recommendations

- › After application is completed, it should not be exposed to rude winds and freezing. Thus, protection measures should be taken.
- › After application, surface should be protected against water.
- › Cannot be used in places exposed to water continuously.
- › Surface temperature should drop below 10°C during curing. Low temperatures may adversely affect curing process.
- › Right after application, before hardening, equipments should be cleaned with water, and hands should be washed with clean, warm water and soap.

Technical Specifications

Color	Gray
Appearance	Dust
Density	1.25 kg/l
Application Temperature	(+5°C) - (+35°C)
Container Life	Min 30 minutes
Connection Resistance	>1 mPa
Pressure Resistance	C25

*** Tests have been performed in a laboratory environment at 23 °C and 50% relative humidity.

Consumption

- › 1.5 kg/m² (1mm thickness)

Packing

- › In craft bags of 25 kg.

Shelf Life

- › 12 months in unopened packing in dry environment.

Standard

- › Conforms to TS EN 13813, TS EN1504-2 Standard.

