



DURAFLOOR 110 SL (DURAFLOOR 19)

ONE COMPONENT, CEMENT BASED, SELF LEVELLING SCREED

- Application thickness from 1 – 10 mm
- Easy to apply on hard to reach areas
- Corrects surface irregularities

DESCRIPTION

DURAFLOOR 110 SL is cement based, non-dusting, impact resistant self-leveling screed suitable for use under various floorings (laminates, parquets, carpets, granites, etc), allowing an application thickness from 1 to 10 mm.

TYPICAL APPLICATIONS

- Internal applications,
- Hospitals,
- Offices,
- Education and administration buildings,
- Hotels,
- Shopping centers,
- Internal surfaces prior to ceramic, marble, natural stone, parquet, PVC applications, in order to obtain a sound surface.

ADVANTAGES

- Self-leveling; corrects surface irregularities.
- Easy and quick application saves time and money.
- Easy to apply on hard to reach areas.
- Non-dusting and impact resistant sub-flooring for ceramics, granite, marble, parquet, carpet and PVC.
- Suitable for use on under floor heating systems.
- Can be applied on old concrete floors.
- Economical.
- Fast setting.

TECHNICAL PROPERTIES

Color: Grey

Physical Appearance: Powder

Density: 1,95 (± 0.05) g/cm³

Application Temperature Range: +5 °C - +35 °C

Time Required For Open Traffic: min. 2 days

Service Temperature Range: -30 °C - +80 °C

Pot Life: 40 min

Abrasive Resistance (TS 699): <3,0 cm³/50 cm²

Compressive Strength (2 hours): ≥ 15 N/mm²

Compressive Strength (28th day): ≥ 30 N/mm²

Bending Strength: ≥ 5 N/mm²

Above given data is applicable under 23 °C and 50% relative humidity.

Reference Standarts

TS EN 13813 and TS 699

DIRECTIONS FOR USE

SURFACE PREPARATION

- Application surface should be clean and free from dirt, oil, paint, loose particles, mortar and plaster residues.
- Saturate the surface with water, but any standing water should be removed.
- On concrete, screeds and glazed surfaces, apply a appropriate **REBOND** series primer as a bonding agent.
- Repair surface irregularities with Interfiks Repair Mortars

(CR MORTAR SERIES, FIXGROUT GP). Apply **DURAFLOOR 110 SL** approx. 24 hours after the mortar on repaired areas has set.

APPLICATION

- Mix 25 kg of **DURAFLOOR 110 SL** with 4 - 4,125 lt (16 - 16,5%) of water for 3 - 5 minutes with a slow speed mixer until a homogenous mixture is achieved. Allow the mixture to rest for 1 - 2 minutes, and then mix again before use.
- Pour the creamy paste onto the surface and trowel for a smooth finish.
- It is highly recommended to use a spiked roller in order to let the air bubbles out of the finished surface.

WATCHPOINTS

- Concrete surfaces should be saturated with water thoroughly or primed prior to the application. Letting the air bubbles out of the concrete sub-floor will eliminate the risk of any eventual holes on **DURAFLOOR 110 SL**'s surface.
- No powder or water should be added after the initial set.
- Do not apply below +5 °C.
- Always turn off under-floor heating and allow subfloor to cool. Do not switch it on again for at least 24 hours after completion.
- Do not apply under direct sunlight or wind.
- Apply **DURAFLOOR 110 SL** onto surfaces exposed to humidity or water, only if they are properly waterproofed.
- Allow the application to rest for at least 3 days before commencing with any other topping application (parquet, wood, PVC etc).
- Do not allow **DURAFLOOR 110 SL** to dry quickly and protect from water after application.

CONSUMPTION

2.0 kg/m² for 1 mm thickness.

PACKAGING

25 kg craft bag

STORAGE and SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions.

HEALTH and SAFETY

As with all chemical products care should be taken during use and storage. Avoid contact with food, skin, clothes, eyes and mouth. If accidentally ingested seek immediate medical attention. In case of contact with skin or eyes, wash with a plenty of water and soap. Should be kept away from children. Reseal containers after use. Please consult Material Safety Data Sheet (MSDS) for further information.

NOTE: Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (03/2014)