



DURAFLOOR 1050 SCR

CEMENT BASED, HIGH EARLY STRENGTH, FAST SETTING
FLOOR CORRECTION SCREED

- Up to 50 mm thickness in single application
- High early strength

DESCRIPTION

DURAFLOOR 1050 SCR is a one component, cement based and polymer reinforced, fast setting floor correction screed with high early strength that can be applied up to 50 mm thickness in single application.

TYPICAL APPLICATIONS

- Internal and external applications,
- Suitable to use on cement based surfaces and under-floor heating systems,
- Internal surfaces prior to ceramic, marble, natural stone, parquet, PVC applications, in order to obtain a sound surface,
- Residences,
- Factories, production plants,
- Garages and parking lots,
- Industrial and commercial warehouses,
- Shopping centres,
- Hotels,
- Hospitals,
- Pedestrian ways and pavements,
- Suitable for use on cement based screeds and concrete slabs.

ADVANTAGES

- High early strength.
- Easy and fast application saves time and money.
- Achieves excellent bonding with the substrate.
- 50 mm thickness in single application.
- Achieves high early strength.
- Suitable for use under heavy loads.

TECHNICAL PROPERTIES

Color: Grey

Physical Appearance: Powder

Mortar Density: $2,15 \pm 0,05 \text{ g/cm}^3$

Application Temperature Range: $+5 \text{ }^\circ\text{C} - +35 \text{ }^\circ\text{C}$

Time Required For Open Traffic: min. 2 days

Service Temperature Range: $-30 \text{ }^\circ\text{C} - +80 \text{ }^\circ\text{C}$

Pot Life: 40 min

Abrasive Resistance (TS 699): $<3,5 \text{ cm}^3/50 \text{ cm}^2$

Compressive Strength (2 hours): $\geq 20 \text{ N/mm}^2$

Compressive Strength (28th day): $\geq 45 \text{ N/mm}^2$

Bending Strength: $\geq 5 \text{ N/mm}^2$

Above given data is applicable under $23 \text{ }^\circ\text{C}$ 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 remove any standing water before the application.
- Repair surface cracks with **FIXGROUT EXPAN**.
- Apply a appropriate **REBOND** series primer as a bonding agent on concrete glazed surface etc.

APPLICATION

- **DURAFLOOR 1050 SCR** is a ready to use product. Add 25 kg of **DURAFLOOR 1050 SCR** slowly into 3.5 lt (14%) of clean water and mix for 3 - 4 minutes with a low speed mixer until a lump-free homogenous mixture is achieved.
- Rest the mixture for 2 - 3 minutes and mix again before use. Apply with a trowel onto the primed surface.
- **DURAFLOOR 1050 SCR** is applied in single layer and then compressed with a vibrating trowel to achieve a desired thickness, level and slope.
- For large areas, it is recommended to apply **DURAFLOOR 1050 SCR** by dividing into long joint strips or small areas up to 20 m^2 . Allow the screed to cure before next application.
- Joints between the strips should be filled with **DURADERZ**.

WATCHPOINTS

- Recommended water ratio should not be exceeded.
- The mix should not be tempered with addition of powder or water.
- Do not apply below $+5 \text{ }^\circ\text{C}$.

CONSUMPTION

2.2 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)