

Mortars

# FLOWSCREED

## High Quality Self leveling mortar



### General Properties:

- **FLOWSCREED** is one component ready mix mortar formulated to get self-leveling, high quality mortar.
- Interior and exterior self leveling finishing.

### Uses:

- Cosmetic repair before final floor finishing.
- Self leveling layer prior to the finishing cover like mocket, P.V.C sheets, timber, ceramic tiles..., etc.

### Substrate:

Can be applied on sound cement substrate as:

- Reinforced concrete floors.
- Cement mosaic tiles.
- Plane concrete layers.
- Screeds.

### Application:

1. Substrate should be prepared in compliance, sound and no separated particles.
2. Remove unsound concrete & repair if necessary using **CRETEREP 250P / 70P**.
3. Substrate should be leveled to the specifications.
4. Damp the substrate using water for long time.
5. Put water in a suitable container (23% of powder). Each 25 kg **FLOWSCREED** needs 5.75 liters of water
6. Add powder **FLOWSCREED** to the water with continuous mixing, till you get homogenous slurry free of lumps.
7. In big areas **FLOSCREED** can be poured using pumped machine.
8. Pour **FLOWSCREED** in continuous stripes, about 30 cm in width across the narrow section of the floor.  
Put the next mixed bag over the edge of the previously one .
9. Use the required leveling tool to help in fast spreading.
10. Continue the work without break.
11. Thickness can be applied from 3 mm to 25 mm If more thickness is required, it should be applied in a second layer.

**Note:** The mixture should be applied within **30 minutes** from mixing.

### Technical Data:

Compressive Strength : (ASTM C109/C109 M) Water ratio 23% by weight,

Time	Compressive Strength
3 days	100 kg/cm <sup>2</sup>
7 days	150 kg/cm <sup>2</sup>

**Flowability Test** : Circle > 16.5 cm (EN 1276) .

**Pulloff Strength** : > 15 kg / cm<sup>2</sup> "Failure to cement substrate". (ASTM C4541/09) .

**Consumption** : 1.8 kg covers 1 m<sup>2</sup> thickness 1 mm .

**Shelf Life** : 12 months in closed container and away from sunlight, heat and humidity.

### Environment:

- Boots, rubber gloves, dust masks, and safety eye glasses.
- Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

END OF TECHNICAL DATA

**For more information please contact our technical department**

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