

MASTERFLOW® 931

(Formerly Grout Mortar 2000)

Very high strength, non-shrink ready to use mortar

Description

MASTERFLOW 931 is formulated to be used in applications where high compressive strength is prime goal such as installation of heavy machineries with high vibrations.

Applications

MASTERFLOW 931 is ready to use mortar with all necessary additives, only on-site addition of water is required to prepare smooth mortar. For all grouting, anchoring or injection purposes the inter surfaces should be cleaned and pre-wetted and then the mixed mortar should be placed or injected.

Packaging

MASTERFLOW 931 is supplied in 25kg bags.

Mortar preparation

Measure the required amount of water and then add the MASTERFLOW 931 slowly and mix it continuously to reach homogeneous and flowable mortar. Avoid long and fast mixing.

Typical properties*

Properties listed are only for guidance and are not a guarantee of performance.

| Appearance | Cementitious powder |
|------------------|-----------------------|
| Specific gravity | Approx. 1.4kg / litre |
| Segregation | Nil |
| Bleeding water | Nil |

| MASTE RFLO W 931 | Wa ter | Slu mp Cm | Compressive strength (kg/cm2) | | | Tensile strength (kn) 28 days |
|------------------------|-----------|-----------------|---------------------------------------|---------------|----------------|--|
| | | | 3 da ys | 7 da ys | 28 da ys | |
| 1 kg | 18 ogr | 8.5 | - | 50 9 | 70 8 | 695 |
| 1 kg | 21 ogr | 18 | 31 9 | 47 4 | 57 5 | 565 |

Composition

MASTERFLOW 931 is formulated as follows:

- Portland Cement Type II
- Very fine and micronised silica fume
- Special controlled aggregates
- Expansion agent
- Superplasticiser in powder form
- Chemical additives

Curing

As the water consumption is at minimum rate (4.5 – 5.25 liters per a 25 kg bag) curing is essential in order to avoid surface cracking .
In moderate temperatures curing should be continued for 3 days .

Consumption

25kg bag approx. 13 litres or 78 x 25kg bags per cubic meter.

Storage

Should be stored in original bags and protected from excessive compaction, direct sunlight and rainfall, in this situation the shelf life exceed 12 months.

Note

In case of any wide applications, please contact your local Degussa representative.

Quality

All products produced by Degussa certified manufacturing facilities, are produced to conform to systems designed to meet internationally recognised quality standards.

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REQUEST AND REFER TO RECOMMENDED
INSTALLATION PROCEDURES FOR
MASTERFLOW GROUTS PRIOR TO USE