

ContecFlow GH201

Non-Shrink Cementitious Grout, Vertical and Overhead Cementitious High Strength Repair Mortar

Description:

ContecFlow GH201 is a premixed cementitious no shrink grout, giving high performance at various consistencies. Formulated to meet CRD C621 standards, ContecFlow GH201 is nongaseous, non-corrosive, non-oxidizing and is free of chlorides and nitrates.

Uses:

ContecFlow GH201 can be used in all grouting situations where shrinkage is undesirable. Typical uses are underplate grouting, space grouting, repairs to precast concrete, bedding bearing plates, anchor bolt fixing, cable grouting and crane rail assembly. Concrete repairs and floor toppings can also be carried out using ContecFlow GH201.

Advantages:

- ContecFlow GH201 is a true nongaseous grout, free of bleeding, settlement and shrinkage.
- Factory blended and packed to eliminate site variations and errors.
- Extremely fluid consistency for easy application in difficult access areas.
- ContecFlow GH201 has excellent flow retention and long usable life even at high ambient temperatures.
- High, non-corrosive, bonding to steel and concrete.

- High early strength characteristics.
- Excellent ultimate strength, even at fluid consistency.
- Non-shrink maintains maximum contact with surface.

Properties:

Appearance	Grey, granular powder	
Compressive Strength (N/mm ²)	Days	N/mm ²
	1	30
	7	60
	28	70
Specific gravity	2-2.1 kg/liter	

Instructions for Use:

- Application temperature 5°C to 30°C.
- The substrate to be properly prepared and free of all loose particles, oils and grease.
- Chipping and or sand blasting is preferred.
- Concrete substrates should be pre-soaked with water prior to ContecFlow GH201 application; saturated surface dry condition (SSD).
- After placement of ContecFlow GH201, exposed surface areas to be fully cured for a minimum period of 2 days from achieving its initial setting.

- For anchoring dowels and bolts the minimum annular space around the shaft is three times, the diameter of the largest grains in the mortar mix.
- Note expansion and flowing properties decrease when adding graded aggregate.

Mixing:

The mixing process should be mechanical. Pour 2/3 rd of the gauging water into the mixing pail. Gradually adding **ContecFlow GH201**, continue mixing until lump free and smooth consistency is achieved, add the balance of the gauging water, mixing for a further 2 to 3 minutes. Recommended to use either low speed (max. 500 rpm) electric drill with a basket type mixing paddle or forced action – or stand type mixers. **ContecFlow GH201** can be used for large cavity grouting. Aggregates maybe added provided they are clean, washed and properly graded.

Example: 12.5 kg of 8 to maximum 10 mm aggregate can be added to one 25 kg bag of **ContecFlow GH201**, blended with 4.5 to 5.5 liters of gauging water.

Do not exceed 25 kg of aggregate per 25 kg bag of grouting material; water demand for this mix is depending on the site conditions.

Packaging:

ContecFlow GH201 is supplied in 25 kg bags.

Shelf Life/ Storage:

ContecFlow GH201 has a shelf life of 12 months, if kept in a dry environment, in its original unopened bags.

Safety Precautions:

ContecFlow GH201 does not fall into the hazard classification of current regulations. However, it should not be swallowed or allowed to come into contact with eyes. Suitable protective gloves and goggles should be worn.

Splashes on the skin should be removed with water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

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