



# MAXGROUT<sup>®</sup> - HR

## VERY FAST SETTING, FLUID MORTAR FOR FILLING LARGE VOLUMES

### DESCRIPTION

MAXGROUT – HR is a fluid mortar with controlled retraction, and very fast setting, ideal for filling of large volumes which require immediate placement into service.

### USES

- Filling of machine foundations.
- Urgent filling of voids in construction elements.

### ADVANTAGES

- Single component product. Only requires water for the mix.
- Fluid. Fills the required space easily.
- High impact resistance. Resists cyclic loads.
- High abrasion resistance.
- Very low retraction.

### APPLICATION INSTRUCTIONS

**Preparation of the surface.** All loose concrete must be removed until reaching a sound surface. Eliminate from the surface any type of dust, concrete residue, grouts, and contaminants.

**Mix.** Pour into a clean container about 3 to 3.5 litres of clean water free from contaminants, for each 25 kg. of material. (12% -14%). Add the powder while stirring with a slow speed mixing drill or a concrete mixer, for about a minute until obtaining a fluid, lump free mortar. Do not mix excessively in order not to introduce air into the mix.

**Placing.** Prior to pouring MAXGROUT – HR the surface must be saturated with water, without any left over.

Pour the mortar and vibrate it slightly to ensure perfect filling of voids

**Pot life:** There are two types of the product available with the following times at 20°C:

## MAXGROUT – HR

Beginning of setting (minutes)	30
End of setting (minutes)	45
Pot life (minutes)	20

## MAXGROUT – HR SLOW

Beginning of setting (minutes)	90
End of setting (minutes)	240
Pot life (minutes)	60

Concerning the rest of their properties they are similar for both versions.

## RECOMMENDATIONS

MAXGROUT – HR must not be applied on asphalt, wood, metal or painted surfaces, nor over frost covered surfaces. Do not apply below 5 °C or if lower temperatures are expected during the next 24 hours after placing. Applications above 40°C should also be avoided. Do not use curing compounds with the product.

It is advisable to cover it with a wet cloth or plastic, or better still to hose it down once the setting has begun, in order to provide proper curing.

## PACKAGING

25 kg. bags.

## COLOURS

Grey

## CONSUMPTION

0.5 to 0.55 dm<sup>3</sup>/kg.

## STORAGE

12 months in a covered area, protected from frost.

## TECHNICAL DATA

Aggregates (mm)	0 a 3
Density of the hardened product (kg./dm <sup>3</sup> )	2,25
Compression strength after 24 hours is above (550 kg./cm <sup>2</sup> ).	550
Flexural strength after 24 hours is above 85 (kg./cm <sup>2</sup> ).	85

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



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