



# Microbloc *normal or fast*

## *Quick instant setting waterproofing cement*

### The product:

Microbloc normal and fast are hydraulic cements containing a mix of cement binders, micronised inert silicates, chemical additives and synthetic resins. Use on concrete surfaces, vertical or horizontal, internal and external. They allow instant sealing of spacing rods, plugs and honeycombs even in presence of water pressure.

### Advantages:

- Optimal adhesion to every kind of solid cement support.
- Instant stoppage of all water pressure.
- High waterproofing even under constant water pressure.
- Inorganic : remains waterproof over time.
- Usable as soon as it sets.

### Field of application:

Usable on masonry, ducts, tanks, piping, tunnels, when it is necessary to stop seepage of water under pressure, or when cavities made by chiselling work on spacer rods have to be filled quickly.

### Suitable supports:

Old and new concrete cement supports (if solid) and stonework.

### Information data of the product:

- |                       |                           |
|-----------------------|---------------------------|
| ▪ Containers          | 5 kg and 20 kg bucket     |
| ▪ Appearance          | grey cement powder        |
| ▪ Specific weight     | 1.4 kg/l                  |
| ▪ Granulometry        | < 0.4 mm                  |
| ▪ Average consumption | depending on the supports |

### Application:

#### Preparation of the supports :

The surfaces must be seasoned, solid, compact, rough and clean. Any traces of oils, greases or moulds or loose parts must be removed. The area where the water passes should be broken making a swallow-tail shape cavity not less than 3 cm wide and deep.

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#### Method of application:

Mix Microbloc normal and fast with water by hand (wearing gloves). In 20 seconds a plastic texture is obtained and the product is ready to use. Push Microbloc normal or fast vigorously into the cavity and keep pressed for a few minutes and wipe the surfaces with a rotating movement. If the cavity is broad more than one application may have to be made. put drainage pipes in the cavity, which are removed and

the cavity sealed after the product has set, and use Microbloc dry on the surfaces that are dripping; spraying it directly on the damaged area and rubbing the product to apply until the seepage is sealed off.

#### Technical data:

	<b>NORMAL</b>	<b>FAST</b>
▪ Water in the mixture	approx 24%-26%	approx 28%-30%
▪ Pot life	1-2 minutes	20 seconds
▪ Compression resistance after 28 days	35 MPa	45 MPa
▪ Stiffness after 28 days	5 MPa	9 MPa
▪ Setting time	40/60 sec	20/30 sec
▪ Usage temperature	+5° C/ +35°C	
▪ Storage	12 months if kept in original containers and in a dry place	
▪ Equipment	rubber gloves	

#### Please note:

Do not apply on frozen surfaces

Do not apply on painted surfaces, gypsum, plasterboard or plastic coating

Keep the surfaces humid during the first hour after application

Do not add water, cement or other product to the mixture

To shorten the setting time during the winter, mix Microbloc normale-fast with warm water

All the above data relate to tests carried out in a controlled environment, and are therefore liable to change when the product is used.