



MULTISPEED



Water-repellent setting and hardening accelerator.

CHARACTERISTICS

- Reduces cement setting time as required
- Increases final resistance (by up to 30%)
- Improves resistance to mechanical wear, attack from chemical agents and harsh weather conditions
- Highly water-repellent

FIELDS OF APPLICATION

- Sealing up water influxes and cracks
- Urgent repairs (roads, industrial flooring, roofing, etc.)
- Rapid fixing and sealing
- Fast setting for tiling
- Waterproof tubbing (swimming pools, etc.)
- Screeds in aggressive and/or damp environments (abattoirs, dairies, etc.)
- Work in tunnels, galleries, wells, canals, ports, dykes, reservoirs, locks, ditches
- Pipelines, inspection chambers, vats, tanks, etc.
- Useful in the prefabrication of paving slabs and stones, edging, fencing, posts, bars, bricks, etc.
- Can be used as an antifreeze in the winter.

APPLICATION

MULTISPEED should be diluted in the mixing water before being poured into the concrete mixer.

In cold weather, the dosage shown in the table below should be increased or the mixing water heated.

It is vital to avoid remixing the mortar or adding water during setting. For this reason, only prepare the quantity of mortar which can be used within the working time, depending on the dosage of **MULTISPEED** used.

Specific application instructions are available for work in the following areas:

Drainage via casing and sealing off water influxes.

Creating waterproof, oil-resistant, acid-resistant, wear-resistant screeds and coatings for the food and other industries.

Minimum dose: 2% of weight of cement as **WATER-REPELLENT ADMIXTURE**.

See dosage table, consumption with start and end of setting.

CHOICE OF CEMENT

If possible use artificial portland cements. Types P40 and P50 ensure a better result for very fast-setting work.

For other fields, PPZ 30 and blast furnace cements may be suitable.



SPRL **ETS CHIMIQUES CLOQUETTE** BVBA

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Do not use with white cement, aluminate casting cements, or sulphate-containing blast furnace cements.

To check the cement quality, use pure cement and pure **MULTISPEED** to make a mastic, which should harden within a maximum of 6 minutes.

PHYSICAL AND CHEMICAL DATA

Greenish liquid, highly soluble in water

Apparent density: 1.2 to 1.25 kg/l

pH value: approx. 2

Effect on skin: caustic - wear rubber gloves and goggles if possible; rinse thoroughly after work and in the event of splashing.

| DURATION OF USE | | |
|-----------------|--------------------|--------------|
| Cement + Sand | MULTISPEED + water | Working time |
| Volume | Volume | Minutes |
| 1+0 | 1+0 | 1 |
| | 1+0.5 | 2 |
| | 1+1 | 4 |
| 1+1 | 1+0 | 3 |
| | 1+1 | 5 |
| | 1+2 | 10 |
| | 1+3 | 30 |
| | 1+4 | 60 |
| 1+1 | 1+0 | 5 |
| | 1+1 | 5 |
| | 1+2 | 10 |
| | 1+3 | 30 |
| | 1+4 | 60 |
| 1+2 | 1+0 | 5 |
| | 1+1 | 10 |
| | 1+2 | 20 |
| | 1+3 | 45 |
| | 1+4 | 90 |
| 1+3 | 1+1 | 15 |
| | 1+2 | 45 |
| | 1+3 | 90 |
| | 1+4 | 150 |

STORAGE

Multispeed keeps indefinitely, is non-flammable and only freezes at temperatures below -20°C, although it regains its normal characteristics after thawing.

Use plastic or glass packaging; avoid metal.

HEALTH AND SAFETY ADVICE

Technical safety information sheet available on request.

This technical notice is the outcome of research and long experience. However, we accept no liability for its contents, as successful use of the product depends on taking account of all the circumstances at the time of use. We recommend the performance of preliminary tests in order to see whether the product is suited to the planned application. **UPDATE 06/1999**



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