

weber KA 1000

Concentrated mould release agent dilutable with water

Technical Data Sheet

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■ Description

A mixture of high quality mineral oil and emulgators which can be diluted with water.

■ Advantages

- Fast and easy release of mould from the concrete.
- Smooth concrete substrate.
- Increases service life of moulds.

■ Range of application

- It is used for increasing service life of mould, removal of concrete smoothly and saving from labor.

■ Application substrates

- Wooden moulds (diluting with water).
- Plywood moulds.
- Plastic moulds.
- Steel moulds.
- Please consult us for all other application substrates.

■ Limits of application

- **weber antifreeze** should be added into water mixture needed by cement.
- Compliance test in various rates with local materials should be performed for the desired performance before the application.
- Moulds should be protected against snow and icing, its temperature should be increased to plus values.
- If **weber antifreeze** has frozen, its temperature should be defrosted and increased to plus values. Material should not be contacted with fire directly.

■ Reference standarts

- Public Works Pos No: 04.116/1

■ Attention points

- Use gloves and goggles during the application and avoid eye and skin contact.

■ Conditions of application

- The ambient temperature is between: +5 °C and +35 °C.
- Moulds should be clean and dry, there should not be chemical residuals from previous application for good performance.
- Concrete should be cleaned from rust and residuals.
- **weber KA 1000** can be diluted up to 12 times on absorbent substrates and 6 times on less absorbent substrates. It should be used without diluting on non-absorbent substrates (steel and plywood).
- The quality and purity of water to be added in **weber KA 1000** is very important. The material will be white liquid when it is mixed with water.

■ Application

- **weber KA 1000** should be applied on clean mould surfaces via spraying, roller or brush directly.
- **weber KA 1000** should be applied 3 hours before concrete is casted in moulds and moulds should be protected against rain.
- For maximum benefit from the product, the material should be applied in a thin layer. Since excessive oil use will cause stain on concrete, excessive oil on the substrate should be made in ideal amount with sponge or similar material.
- The second layer application may be necessary on very absorbent substrates (At least 3 layers are necessary for new wooden moulds).

■ Consumption

About 40-80 m²/ 1 kg.
(varies depending on consumption, mould condition, substrate and type).

■ Packaging

25 kg plastic drums, 180 kg drums.

■ Color

Yellow.

■ Application tools

Spray, brush, roller and sponge.

■ Shelf life

12 months as of the production date in dry and moisture-free environment provided that packages will not be opened and kept between 5 °C and 35 °C. Package should be kept tightly closed when not in use.

> The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.

> **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



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