

Set retarding admixture for concrete and cement based mortars

## DESCRIPTION

**Mapetard® SD-2000** is a set retarder for concrete and mortar. The concrete maintains its workability for a long time.

## WHERE TO USE

**Mapetard® SD 2000** is formulated to be used in concrete prepared for long transports, or other functions where storing of ready-mixed concrete for a long period is necessary.

The product is specially suitable for shotcrete projects where the time between mixing and production at site may be several hours.

The effect of **Mapetard® SD 2000** is effectively neutralized by Rescon Mapei's accelerator **Mapequick AF 2000**.

## TECHNICAL CHARACTERISTICS

### Mixing

The dosage of **Mapetard® SD 2000** is 0,1-2,0% of the cement quantity, depending on the wanted retarding effect.

Test mixes have to be carried out, because cement, concrete quality and effects from other admixtures may affect the retarding properties.

## ATTENTION!

**Mapetard® SD 2000** have to be added to the concrete mixer together with the mixing water.

**Mapetard® SD 2000** SHALL NOT BE ADDED DELAYED, as this may result in long and varying setting time out of control.

## PACKAGING

**Mapetard® SD 2000** is delivered in 25 litre cans, 200 litre drums and 1000 litre containers. The product must be kept free from freezing and is durable for at least one year in unopened packing.

## SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate HSE data sheet at [www.resconmapei.com](http://www.resconmapei.com).



## Produsent:

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**WARNING**

Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after longterm practical applications; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

All deliveries from Rescon Mapei AS are made in accordance with the sale and delivery conditions applicable at the time, and these conditions are taken to be accepted on placement of an order.

TECHNICAL DATA	
<b>Product identity:</b>	
Appearance:	liquid
Colour:	yellowish brown
Viscosity:	low viscosity; $\leq 15 \text{ mPa} \cdot \text{s}$
Solid content, %:	$15.0 \pm 1.0$
Density, g/cm <sup>3</sup> :	$1.10 + 0.02$
pH-value:	$7 \pm 1$
Chloride content, %:	$\leq 1.0$
Alkali content (Na <sub>2</sub> O-equivalent), %:	$\leq 13$

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