



ILMA
PARMIX

AIR ENTRAINING AGENT



ILMA-PARMIX - is a result of Nordic development. The product is created from Finnish raw materials. The product is CE-marked.

TECHNICAL PROPERTIES

ILMA-PARMIX is a surface-active additive, which creates stable air bubbles that are strong, small and closely spaced. These voids improve the frost resistance of concrete.

MAIN USAGE

ILMA-PARMIX is used in concrete when frost resistance is needed.

ILMA-PARMIX can also be used to improve other properties of concrete i.e.:

- less segregation
- better workability
- Shotcrete

DOSAGE

Typical dilution is 1:9 or 1:19.

Typical dosage is 0,01...0,08 % from the weight of cement.

Higher dosage can be used if needed. The right dosage must be tested with preliminary tests.

USE OF ILMA-PARMIX

Right dosage has to be tested with preliminary tests. Mixer type might effect on performance of ILMA-PARMIX.

Air-entraining agent can be added with mixing water or mixed concrete.

When using other admixtures we recommed to use seperate scales.

In concrete 1 % added air will reduce strength approx. 5 %.

The dosage might change if fresh concrete properties change i.e. aggregate grading varies.

USE WITH OTHER ADMIXTURES

ILMA-PARMIX is suitable for use together with other admixtures by Finnsementti.

ENVIRONMENT AND INDUSTRIAL SAFETY

Read MSDS

TECHNICAL DATA

Colour	Brown yellowish
State	liquid
Concentration	20 %
Chloride content	<0,1 %
Base	Fatty acid soap
Operating temperature	> +5 C °C
Storage temperature	> +5 C °C
Shelf-life	1 year



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