

Product : NC Aerating Agent 75 MD

Product Specification:

Nanocrete's **NC Aerating Agent 75 MD** is a synthetic foam forming agent that uses exact mass of active ingredients. It's a highly alkali resistant agent that can produce foam in consistent quality and in very fine bubbles. It has got unique stabilising agents that helps in stabilisation of foam.

It is used for producing environmental-friendly, highly insulating low-density cement based aerated concrete products and/or elements used in constructions and buildings. By using **NC Aerating Agent 75 MD**, the density of the foam can be varied between 10 to 160 g/lit. by using **NC Aerator IN**, a uniquely developed technologically advanced Foam Generator. The aerated concrete products, due to its lighter in weight, inorganic ingredients and inflammable characteristics, it's a most suitable alternative for petroleum based highly flammable insulation materials like EPS beads mixed concrete.

Aerated concrete products using **NC Aerating Agent 75 MD** have uniform closed-cell bubble structure, keeps the density uniform and increases the compressive strength by at least 15 to 25%.

Product Advantages:

In combination with NC Aerator IN, **NC Aerating Agent 75 MD** produces worldwide unique foam stability due to low pressure foaming system

- Very fine foam bubbles and so uniform closed-cell structure in Aerated Concrete
- Wide range of foam density production and so can produce wide range of Aerated concrete density (From 400 to 1,400 Kg/m³)
- High foam stability and so highly consistent density aerated concrete can be produced
- Very high life of the product if protected from direct sunlight, water and in storing it in dry conditions.
- No settleable ingredients and so no need for stirring or mixing is needed every time before use.
- Highly active ingredients

- Increases the strength of the Aerated Concrete due to uniform fine bubble structure and highly stable density.

Technical Data:

Colour:	Light brown liquid
Density:	1.00-1.20 g/ml
pH-Value (original):	6.50-7.50
pH-Value (10 g/l):	7.00-8.00
pH-Value (1 g/l):	7.00-8.00
Electrolytical conductivity (original):	0.70-0.80 mS/cm
Electrolytical conductivity (10 g/l):	0.70-1.00 mS/cm
Electrolytical conductivity (1 g/l):	0.60-0.90 mS/cm

Active Ingredients:

Average value - 30 to 40 %

Packings:

Available in 50 Kg Plastic Jerry Cans, 200 Kg Plastic Drums & in 1,000 Kg Standard IBC Containers

Applications:

Nanocrete's NC Aerating Agents is exclusively made for the production of foam using Nanocrete's unique NC Aerator IN, which in turn is used to produce Aerated Concrete Products/Elements. We recommend to use NC Aerating Agents for getting best results of foam and aerated concrete quality. We can't provide any guarantee or warranty of foam or aerated concrete quality, if any other aerating system is used with **NC Aerating Agent 75 MD** or NC Aerator IN with any other agents or chemicals.

Advisory:

Store in Dry, shaded places with no direct sunlight and within the ambient temperature range of 5 to 35 Deg. Celsius. Product may get solidified when the ambient temperature is less than 5 Deg. Celsius. The product can be restored to original condition by heating the Aerating Agent and maintaining it at 5 to 35 Deg. Celsius.

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