

# InsuRoc SA 100

A multi purpose basic solution used in conjunction with cementitious material & silicate solutions.

## DESCRIPTION

**InsuRoc SA 100** is aqueous solution of Sodium Aluminate Oxide inorganic salts, it is a multi purpose basic solution used in conjunction with cementitious material & silicate solutions.

## PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Transparent Yellowish liquid
Odour	Odourless
Change in physical state	
Boiling point, °C (mm Hg)	Above 100
Flash point	104-116
Autoignition temperture °C	n,a
Explosion limit	
Lower explosion limit	n,a
Upper explosion limit	None
Thermal decomposition °C	None
Bulk Denisty, kg/m <sup>3</sup> (20°C)	Approx 1.45 ±0.03 Kg/l
PH (20°C)	12.5±1
Vapour pressure, mbar °C	n.a
Viscosily (from - 10°C to +80 °C)	100-150 mpa *s
Iron (Fe)	< 50 ppm
Solubility in water	Water leads to alumimum hydroxide precipilation
Na/Al	1:1.51% ±5

## PACKAGING

**InsuRoc SA 100** is supplied in 210 drums, containers or in bulk (1.500 kg).

## STORAGE

If kept dry and in unopened, tightly closed original containers, **InsuRoc SA 100** has a shelf life of at least 1 year.

## SAFETY PRECAUTIONS

**InsuRoc SA 100** is not a fire or health hazard. Spillages should be washed down immediately with cold water.

For further information, refer to the material safety data sheet.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information, contact Insumat's representative.

Insumat reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY STATEMENT

All products manufactured by Insumat Egypt, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, standard.

\* Properties listed are based on laboratory controlled tests.

Actual measured data may vary due to circumstances beyond Insumat's control.

Manufacturing Insulating Materials and Products Company