

Product Information

SITREN AirVoid® 601

PRODUCT DESCRIPTION

SITREN AirVoid® 601 is a composition of anionic surfactants.

Typical Properties

Property	Unit	Value
Appearance		Clear, yellow liquid
pH Value		6.5-7.5

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

SITREN AirVoid® 601 is an air entraining agent for building materials such as concrete, mortars, gypsum etc.

Product Composition

Product Composition	Unit	Value
Solids Content	%	33-37

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

SITREN AirVoid® 601 provides the following benefits

- Increased freeze-thaw (salt) resistance of hardened concretes and mortars
- Improved durability of concrete
- Increased workability and dispersibility
- Lowers the fresh and final density of the building material – highly suitable for light weight structures
- High air entraining capacity
- Improved thermal insulation of construction materials
- Homogeneous air-void distribution with good long-time stability
- Predictable relationship between dosage and quantity of entrained air
- Suitable for the manufacturing of air entrained concrete according EC2 meeting the requirements for micro air content and spacing factor

DOSAGE

Depending on the application the required dosage may vary between 0.01 % - 0.5 % by weight of binder material. For more accurate dosing, pre-dilution with water is recommended.

HANDLING & PROCESSING

SITREN AirVoid® 601 is added to mixing water. It can also be dosed directly to the concrete at the end of the mixing process.

PACKAGING

Container à 1.000 kg

Drum à 200 kg (4 x 200 kg)

SHELF LIFE

SITREN AirVoid® 601 as delivered can be stored in closed containers for 12 months. The product has to be stored under frost-free conditions; storage temperature should not exceed 40 °C.

HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

REGISTRATION LISTING SUMMARY

Based on the submitted information of our raw material suppliers we can confirm, that SITREN AirVoid® 601 is compliant with EC Regulation 1907/2006 (REACH).

The relevant components of SITREN AirVoid® 601 are listed/registered or exempt in the following chemical inventories:

Registration Listings	
Registry	Status
Australia (AICIS)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
European Union (EINECS/ELINCS)	Yes
Japan (ENCS)	Yes

Registration Listings	
Registry	Status
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (TCSI)	Yes
United States of America (TSCA)	Yes

Disclaimer

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