

ENERTITE®

Open cell insulation



ENERTITE OS200®

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Application

The Enertite system was developed as a sprayed (in-situ) thermal insulation. This system was particularly formulated to insulate and prevent condensation on a wide range of applications including roofs and timber framed walls.

The system has a low GWP and zero ODP.

The spray process is especially suitable for insulating large areas, where greater thickness of insulation needs to be built-up quickly.

Chemical characteristics

Polyol component:

A mixture of polyols, catalysts, stabilisers and blowing agent.

Iso component:

Polymeric diphenylmethane diisocyanate MDI (IsoPMDI 92140).

Supply

The type of supply for components will be decided after consultation with the Sales Office.

Storage and preparation

Polyurethane components are moisture sensitive. Therefore they must be stored at all times in sealed, closed containers. The A-component (Polyol) must be homogenised by basic stirring before processing.

More detailed information should be obtained from the separate data sheet entitled '*Information for in-coming material control, storage, material preparation and waste disposal*' and from the component data.

Processing

For processing follow the information provided by our Technical Advisor.

Possible hazards

The B-component (isocyanurate) irritates the eyes, respiratory organs and the skin. Sensitisation is possible through inhalation and skin contact. MDI is harmful by inhalation. When processing MDI, take note of the necessary precautionary measures described on the material Safety Data Sheets (MSDS). This applies also for the possible hazards in using the A-component (polyol) as well as any other components. See also our separate information sheet '*Safety and Precautionary Measures for the Processing of Polyurethane Systems*'. Use our Training Programme '*Safe Handling of Isocyanurate*'.



Waste disposal

More detailed information is provided in our country specific pamphlet.

Consumer article, medical products

There are national and international laws to consider if it is intended to produce consumer articles (e.g. articles that necessitate food or skin contact, toys etc.) or medical objects out of BASF's products. Where these do not exist, the current legal requirements of the European Union for consumer articles as well as medical products should be sufficient. Consultation with the BASF Sales Office and our Ecology and Product Safety Department is strongly recommended.

Component data

	Unit	Polyol-Comp	Iso-Comp	Method
Density (20°C)	g.cm ³	1.10	1.24	G133-08
Viscosity (20°C)	mPas	550	300	G 133-07
Storage stability	Days	180	180	