

Product description

Daltotherm® TSW38-00 is a 2-component closed cell spray polyurethane system with in-place core density of 36 kg/m³. It has been developed as a class 1 system according to BS476 Part 7 and can be used in residential and commercial buildings.

It is compatible with the most common building materials and shows superior adhesion on cold concrete surfaces. This spray system should only be processed by qualified and trained contractors / applicators with specifically designed spray foam dispensing machine.

This is a low spray polyurethane system.

Polyol

It is a fully formulated polyol blend containing polyether polyols, polyester polyols, flame retardant, activator (contains amine), stabilizer and blowing agents HFC 365/227

Isocyanate

Product based on Diphenylmethanediisocyanate (MDI)

Typical properties

Formulation

		Polyol	Isocyanate
Density 25°C	g/cm ³	ca. 1,17	ca. 1,23
Viscosity 25°C	mPas	ca. 275	ca. 200

Polyol	Daltotherm® TSW 38-00	100	Parts by weight
Isocyanate	ISO 10-002-00	106	Parts by weight

Ratio Polyol : Isocyanate
100 : 100 parts by volume
100 : 106 parts by weight

Cup test

Material temperature	20 °C
Cup weight	
Polyol	40 g
Isocyanate	42 g
Parameter	
Cream time	ca. 3 sec
Gel time	ca. 6 sec
Free rise density	ca. 38 kg/m ³



Daltotherm[®]
Spray Systems



Product name

Daltotherm TSW 38-00

Edition 1
09.2013

U s i n g i n f o r m a t i o n

Safety

Please pay attention to the safety data sheet.
It contains handling information.

It is advisable to avoid direct skin contact with freshly produced polyurethane, because of the fact that in case of not covered polyurethane the surface may obtain traces of starting and successive products which are e.g. dangerous to health or have irritating, cauterizing and/or sensitizing properties.

S t o r a g e , p a c k a g i n g a n d s u p p l y i n g

Storage

The packaging has to be closed very well. This product is very sensible to moisture. The storage temperature is recommended by 25°C. Polyol should not be stored below 15°C and the isocyanate not below 20°C.
The storage life is guaranteed for 3 months.

Packaging and Supplying

All products can be delivered in bulk, IBC and drums.

C h a n g i n g t o t h e l a s t e d i t i o n

Changing First edition

09.2013

The product information are made to the best of our believe, they are however not obligatory. This concerns also to trade mark rights of third parties. The above mentioned product information have to be proved additionally by an individual test of our products regarding the application for the intended processing of our purpose. The processing of our products and the products manufactured by the customer according to our technical support are out of our controlling possibilities and therefore subject to the responsibility of the customer.