

Ceresit

7T

Technical Datasheet

Version 01.05.2012

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PROPERTIES

- ▶ **Single component, neutral curing**
- ▶ **Low Modulus**
- ▶ **Excellent primerless adhesion**
- ▶ **Flexible Seal (25% movement)**
- ▶ **Highly weather resistant**
- ▶ **Excellent UV & Temperature resistance**

APPLICATIONS

- Weather sealing and bonding seals
- Window and door frame perimeter sealing: PVCu, wood, aluminium
- Construction applications
- PVCu roofline
- Glazing applications
- Curtain walls, façade panels
- Glazing (weathersealing, flexible jointing)

PROCESSING

Surface Preparation

All surfaces must be clean, dry and free from any dust or any traces of contaminations, which may affect adhesion.

To degrease, wipe with a pad soaked in solvent then with a clean cloth. Dust should be removed using oil-free compressed air.

Priming

Ceresit 7T does not require a primer on most common substrates, except in the case of immersion, mainly with porous substrates. Please consult us for more information.

Joint Dimensions

Users must take into account the joint movement in addition to local regulations. In order to allow the sealant to operate under the best possible conditions, the minimum cross-section of the seal should be 5 x 5 mm: for seals wider than 12mm, the thickness will generally be determined as being half this width.



Sealant Coverage per 310ml cartridge of sealant for the following seal dimensions are given below for information purposes only:

- 12 metres of 5 x 5 mm seals
- 5 metres of 8 x 8 mm seals
- 2.5 metres of 15 x 8 mm seals
- 1.5 metres of 20 x 10 mm seals

TEMPERATURES
Application

Application Temperatures: +5°C to +40°C

Service

Service Temperatures: - 50°C to + 150°C

CHARACTERISTICS

Type :	Oxime Silicone Sealant
Specific Gravity (non cured), approx.	1.0 g/cm ³
Flow Resistance (EN 27390), mm. Approx:	0
Viscosity (Pas), approx:	100
Skin formation time, min., approx. (23°C, rel. humidity 50%):	10
Tack-free time, min., approx. (23°C, rel. humidity 50%):	30
Curing rate (23°C, rel. humidity 50%), approx:	mm / 1st day: 3 mm / 3rd day: 5 mm / 7 th day: 10
Shore A hardness (ISO 868), approx.	17
Elastic recovery (EN 27389), % approx:	95
Joint Movement capability,%	25
Mechanical Properties on a 2mm thick film	
Modulus at 100% elongation, Mpa, approx:	0.40
Tensile strength, Mpa, approx:	1.5
Elongation at break, % approx.	560

Mechanical on slabs

Modulus at 100% elongation, Mpa, approx:	0.30
Tensile strength, Mpa, approx:	0.5
Elongation at break, % approx.	300

STANDARDS
SNJC Certificates

Grade 1 elastomer, primerless on anodised aluminium and concrete

Elastic filling seal, primerless on glass and anodised aluminium (use in accordance with DTU 39)

ISO

ISO 11600-F&G-25 LM glass aluminium, mortar (primerless)

BS

BS 5889 (1989) Type A

DIN

DIN 18540 F

IMPORTANT ADVICE
Cleaning of the skin

During application, wear skin protection,

Storage

Cool, dry and free from frost

Shelf Life

18 Months when stored at temperatures between +5°C and +25°C in original, unopened packaging.

SAFETY
Safety Advice

Consult the Material Safety Data Sheet (MSDS) for Ceresit 7T.

www.ceresit.co.uk

SUBSTRATE COMPATIBILITY

Ceresit 7T can be used on numerous substrates such as glass, coated glass, rigid PVCu, wood, anodised or as-cast aluminium, steel, stainless steel, concrete and other porous substrates.

LIMITATIONS OF USE

Ceresit 7T must not be used in contact with materials which may exude certain of their components over time or with copper based metallic substrates. In the case of bonding mirrors, it is necessary to carry out prior, representative tests to ensure compatibility with the mirror silvering. It is not recommended for use when there is any risk of abrasion.

Ceresit 7T must not be used in the manufacture of aquariums or in sealing swimming pools. For any immersed type application, please consult us.

Ceresit 7T must not be used for applications in contact with food products.

Ceresit 7T seals must not be painted (poor covering and adhesion of the paint). In the event of its application on alkyd paints (glycerophthalic), slight yellowing of the paint may appear where in contact with the seal.

In low UV light situations compatibility to be checked prior application due to tendency for discoloration.

COLOURS

White, Translucent, Brown, Light Oak, Sherwood

PACKAGING

Ceresit 7T is supplied in 310ml cartridges

DISPOSAL

Product and packaging disposal

Dispose of waste and residues in accordance with local authority requirements (please refer to Safety Data Sheet for more information).

Please note: The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control, we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation; except for cases we are liable of gross negligence or false intention.

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www.ceresit.co.uk

The Ceresit logo consists of the word "Ceresit" in a bold, white, sans-serif font, set against a solid black rectangular background.