

# Ceresit

## 3S

**Technical Datasheet**

Version 01.05.2012

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### PROPERTIES

- ▶ **Single component, acetoxy curing**
- ▶ **Sanitary use, contains a fungicide**
- ▶ **Flexible, watertight jointing**
- ▶ **Medium modulus, rapid curing**
- ▶ **Resistant to fungal growth and mildew**

### APPLICATIONS

- Jointing and sealing of sanitary fittings:
- Baths, showers, washbasins
- Kitchen furniture, sinks
- Plumbing fixtures, urinals
- Cold rooms, ceramic tiles

### 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

Although Ceresit 3S will bond well to most clean and dry surfaces, it is recommended that a primer be used on certain substrates\* in order to ensure a strong and uniform bond:

\*Steel, ferrous metals, thermoplastic materials;  
Concrete, stone, wood

On non-porous substrates, the primer should be applied with a cloth or soft brush in a thin and uniform film. On porous substrates apply with a brush; in the case of particularly porous material apply a second layer after drying.



#### Joint Dimensions

Users must take into account the joint movement in addition to local regulations.

Joint width should be twice the depth.

**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: -30°C to +120°C

## CHARACTERISTICS

Type : Acetic Silicone Sealant

Specific Gravity  
(non cured),  
approx. 0.98 g/cm<sup>3</sup>

Flow Resistance  
(EN 27390),  
mm. Approx.: 1

Skin formation  
time, min.,  
approx. (23°C,  
rel. humidity  
50%): 9

Tack-free time,  
min., approx.  
(23°C, rel.  
humidity 50%): 20

Curing rate (23°C,  
rel.humidity 50%),  
approx: mm / 1st day: 3  
mm / 3rd day: 5  
mm / 7th day: 8

Shore A  
hardness (ISO  
868), approx. 20

Elastic recovery  
(EN 27389), %  
approx: 95

Joint Movement  
capability,% 15

### Mechanical Properties on a 2mm thick film

Modulus at  
100%  
elongation, Mpa,  
approx: 0.5

Tensile  
strength,Mpa,  
approx: 2.0

Elongation at  
break, % approx. 450

### Mechanical on slabs

Modulus at  
100%  
elongation,Mpa,  
approx: 0.4

Tensile  
strength,Mpa,  
approx: 0.8

Elongation at  
break,% approx. 180

## STANDARDS

### ISO

ISO 11600-F-12.5 E

The fungicide activity has been tested according to ISO 846

## IMPORTANT ADVICE

### Cleaning of the skin

During application, wear skin protection,

### Storage

Cool, dry and free from frost

### Shelf Life

24 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 3S.

[www.ceresit.co.uk](http://www.ceresit.co.uk)

## COLOURS

White, Translucent, Jasmine

## PACKAGING

Ceresit 3S is supplied in 310ml cartridges

## SUBSTRATE COMPATIBILITY

Ceresit 3S adheres without primer to glass, ceramics, vitreous, surfaces, painted surfaces and anodised aluminium.

## LIMITATIONS OF USE

Ceresit 3S must not be used on sensitive surfaces, which could react with acetic acid that is released during cure, nor should it be used on materials where migration of constituents can take place, e.g. certain rubbers.

Ceresit 3S must not be used for sealing aquariums (presence of fungicide). For this application, use *Ceresit AQUARIUM*.

Ceresit 3S is not recommended where abrasion or heavy, physical wear and tear will be encountered. For all uses in permanent immersion, please consult us.

## 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.

**Henkel AG & Co. KGaA - 40191  
Düsseldorf, Germany**

[www.ceresit.co.uk](http://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.