Ceresit
PL700

PROPERTIES

‣ **One part, Advanced, Polymer based Construction Adhesive**
‣ **Uses superior, innovative FLEXTEC® polymer and *Instant Grab* technologies**
‣ **Bonds, fixes and seals**
‣ **Excellent adhesive qualities, whilst retaining inherent flexibility**
‣ **Suitable for most building substrates**
‣ **Non-shrink formulation**
‣ **Internal and external use**
‣ **Can be applied to damp / wet surfaces**
‣ **Provides sound and vibration damping**

APPLICATIONS

Bonding, fixing and sealing applications, such as:
- Fixing of partitions, panelling, coving
- Bonding profiles, skirting board, beading, step edges, roof tiles
- Fixing cornices, joint covers
- Bonding of materials subject to vibrations
- Flooring and separating joints
- Parapet and roofline sealing
- Jointing cladding panels
- Certain mirrors and many coated surfaces*
    * See *LIMITATIONS OF USE* section

PROCESSING

Surface Preparation
All surfaces to be bonded should be clean, stable and free from dust, grease, laitance and oil. Ponded / standing water on absorbent substrates should first be removed. Remove oil and grease using an appropriate cleaner / degreaser and sand down all surfaces, followed by removal of all abrasion and dust residues. Before application, mask-off adjacent areas with tape, if required. Check paints and coatings are firmly bonded, if not, completely remove. Curing of adhesive will require the intake of a small amount of moisture (either from the atmosphere or the substrate).

Joint Dimensions
Users must take into account the joint movement in addition to local regulations. For sealing work: the recommended maximum gap is 20mm. A joint width:depth ratio of 2:1 is also recommended.

Bonding, Fixing & Sealing
Apply adhesive onto one of the surfaces in spots in order to allow for uneven substrates. Alternatively a 'wave-like' bead application can be used for higher initial grab on wider surface areas, or use straight beads on smaller surface areas. For external use, use straight beads. Remove any excess directly after use with a dry cloth and cleaning solvent or mineral spirit. Do not allow to dry, as once cured, PL700 can only be removed by mechanical means.

Non-porous Substrates:
Where two non-porous materials are to be bonded, apply the adhesive in vertical beads (do not spread across a continuous area) as air contact is required for setting / curing of the product. Bring the surfaces together, adjust as required and press together thoroughly. Make sure the adhesive tracks do not merge.

Note: Heavy items may need temporary support for up to 24 hours.

For sealing work:
Ensure both joint surfaces are clean and free from dust (max. gap 20mm). Use a foam backing rod with a de-bonding tape if required. Apply PL700 into the joint; smooth the bead after application using an appropriate tool, within the open time. For good smoothing results, use diluted water / detergent solution (approx. 5% by volume).

Once cured, PL700 can be painted (including waterbased acrylic coatings).

Product Coverage
Approx. 300g / m^2
Coverage per 280ml cartridge for the following seal dimensions are given below for information purposes only:

11 metres of 5 x 5 mm seals
4.5 metres of 8 x 8 mm seals
2.4 metres of 15 x 8 mm seals
1.4 metres of 20 x 10 mm seals

TEMPERATURES

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

Service
Service Temperatures: -30°C to +80°C
(100°C for short periods)

CHARACTERISTICS

Type :	Silane cross-linking polymer
Specific Gravity (non cured), approx.	1.4 g/cm³
Open / working time, min, approx:	15 (depending on ambient conditions)

Elongation at break (DIN EN 53504), % approx:	300
Final strength (DIN EN 205):	4 - 5 N/mm^2
Shrinkage:	No shrinkage
Curing speed:	2mm / 24 hours

ARCHITECTURAL SPECIFICATION

Architectural Specification Clause:
The specialist Construction Adhesive to be used shall be *Henkel Building Systems - Ceresit PL700.* It shall be used and applied, strictly in accordance with the manufacturer's instructions.

IMPORTANT ADVICE

Cleaning of the skin
During application, wear skin protection,

Storage
Cool, dry and free from frost

Shelf Life
12 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 PL700.
www.ceresit.co.uk

COLOURS

Off White

PACKAGING

Ceresit PL700 is supplied in 280ml cartridges

SUBSTRATE COMPATIBILITY

Ceresit PL700 is compatible with most porous and non-porous building substrates, including brick, ceramics, concrete, hardboard, plywood, plasterboard, stone, MDF, PVCu, wood, metal and plastics. Ceresit PL700 can be used with certain mirrors and many coated surfaces*
(see below).

LIMITATIONS OF USE

Note: *Ceresit PL700 is not designed for use with PE, PP, PTFE and acrylic glass. With coated / lacquered / painted surfaces, compatibility tests are strongly recommended before proceeding with general use. Can be used with mirrors conforming to DIN 1238 5.1 and DIN EN 1036.

Ceresit PL700 must NOT be used for food contact or aquarium construction applications.

DISPOSAL

Product and packaging disposal
Do not pour directly into drains. Retain the product for later use, or if beyond shelf life, dispose of the product in accordance with local regulations. Dispose of the empty packaging in accordance with local regulations (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

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