

Technical Data Sheet

Lexel

Clear, all purpose gap sealant for interior and exterior use

USES

The high clarity of Lexel (up to 19 times clearer than translucent silicone sealants) make it ideal for a wide range of gap filling and joint sealing applications where a high clarity sealant is required.

Uses include, trim, countertops, splashbacks, sinks, tile thresholds, windows, doors, eaves, roof tiles, guttering, vents, ductwork, flashings and skylights. Lexel offers primerless adhesion to the following materials; Perspex, copper, most plastics, polycarbonate, polystyrene (except polystyrene foam), aluminium - powder coated or anodised, chrome, nylon, fibreglass, steel, PVC, ABS, kitchen laminates, concrete, masonry, ceramics and terracotta.

ADVANTAGES

- High clarity allows colour compatibility with all building materials
- Easy to apply
- Can be applied to wet or dry surfaces
- Suitable for interior and exterior applications
- Does not yellow with sunlight exposure
- Excellent unprimed adhesion
- Paintable
- Tougher than silicone
- Tear resistant
- High joint movement capability
- Easy to repair

DESCRIPTION

Lexel is a non-sag, co-polymer based joint sealant which dries by solvent loss to form an almost 'water clear' elastomeric joint sealant. It has excellent adhesion to a wide range of construction materials and maintains its adhesion even after 7 days continuous water immersion.

PROPERTIES

Form:	Easy gunable, non-sag paste
Colour:	Clear
Physical or chemical change:	Dries by solvent loss
Tack free time:	30 min @ 23°C 65% RH
Drying time:	2-4 days @ 23°C 65% RH
Full cure:	1-2 weeks, 23°C 65% RH
Clarity:	13 NTU above 5°C
Hardness:	25 Shore A (1 month cure)
Slump:	2 mm max @ 23°C
Elastic recovery 100% elongation for 1 minute:	Approx 96% recovery following
Application temperature:	5°C to 45°C
Service temperature:	-30°C to 90°C



an  company

PARCHEM	CONCRETE REPAIR	FLOORING	JOINTING SYSTEMS	WATERPROOFING
TECHNICAL DATA SHEET	FEBRUARY 09			
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APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Surfaces must be structurally sound and free of dirt, oil, release agents and other residues. Old putties and sealants must be completely removed using a scraper and a heat gun.

PRIMING

Good adhesion is normally obtained to clean, sound surfaces without the use of a primer. On metal, powder coated aluminium and glass, a solvent wipe with Parchem Solvent and a clean rag should remove most oils and contaminants.

GUN LOADING

Lexel is supplied in a 270g sealant cartridge which is loaded into a suitable cartridge gun. Cut the cartridge nozzle at a 45° angle to achieve the required bead diameter. Puncture the inner seal with a long nail or screw driver. Squeeze the trigger slightly to bring the sealant to the tip of the nozzle.

APPLICATION

In movement joints wider than 10 mm, a foam backing rod should be installed if the rebate depth permits. Apply masking tape where necessary to ensure a straight uniform application of the sealant and to allow for easy clean up after surface tooling.

If using Lexel indoors, make sure that the room is well ventilated and ensure that no ignition source is present before commencing sealant application.

When applying the sealant, hold the gun at a 45° angle so that the cut angle on the nozzle is parallel to the surface. Use sufficient trigger pressure to force the sealant out of the nozzle at a smooth controlled rate while matching the sealant extrusion speed to the movement of the gun along the joint. Start the sealant application at a corner and drag the gun towards your body with a smooth action while trailing a uniform sealant bead.

If the surface of the bead is not uniform, it may be tooled immediately after application using a metal spatula or a finger dipped in clean soapy water.

After tooling, immediately remove any masking tape while the Lexel is still wet. Allow Lexel to dry for 2 - 4 days.

PAINTING

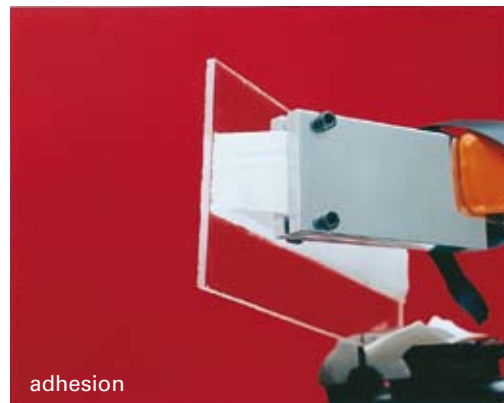
Allow the Lexel to dry undisturbed for 24 - 48 hours before painting with water based acrylic paints. Lexel must be allowed to dry for 30 days before applying solvent based or oil based paints in order to prevent the paint surface from remaining tacky.

REPAIR

Lexel bonds very well to itself to provide a seamless joint between the new and old sealant, however care should be taken to ensure that the other surfaces to which Lexel will be applied are suitably prepared.

CLEANING

Clean tools immediately after use with Parchem Solvent.



LIMITATIONS

Vertical bead size should not exceed 12 mm diameter, horizontal beads should not be larger than 19 mm. Caution should be taken when applying Lexel to hot surfaces as the heat of the surface may cause the solvents contained in Lexel to evaporate rapidly leading to the formation of bubbles in the sealant. Lexel is not suitable for use in applications involving continuous water immersion such as aquariums or swimming pools. Lexel contains organic solvents which will attack some plastics. Do not use Lexel on polystyrene foam.

SHELF LIFE

12 months when stored in a cool dry location.

ESTIMATING

SUPPLY

270g (10.5 US oz) cartridge, cartons of 12

COVERAGE

On average a 270 g cartridge will supply 33 metres of 3 mm x 3 mm sealant bead.

ADDITIONAL INFORMATION

Parchem provides a wide range of complementary products which include:

- concrete repair – cementitious and epoxy
- grouts and anchors – cementitious and epoxy
- waterproofing membranes – liquid applied, cementitious and bituminous sheet membranes
- waterstops – pvc and swellable
- joint sealants – building, civil and chemical resistant
- industrial flooring systems – cementitious and epoxy
- architectural coatings
- filler boards – swellable cork, bituminous and backing rod
- ancillary products

For further information on any of the above, please consult with your local Parchem sales office.

IMPORTANT NOTICE

A Material Safety Data Sheet (MSDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the MSDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

PRODUCT DISCLAIMER

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.