



Enviroseal CJS

Engineered Elastomeric Joint Filler/Sealant



DESCRIPTION

Enviro Seal CJS is a high performance, 2 component, rapid cure, elastomeric hybrid polyurea joint sealant, which when cured, forms a waterproof seal. It is used to fill and protect joints in industrial concrete floors subjected to heavy traffic. It can also be used for spalled concrete joint repairs.

FEATURES

- Excellent adhesion
- Rapid curing
- Excellent bi-axial flexibility
- Very low VOC content
- Non-staining
- Moisture tolerant
- Long term durability
- Excellent organic chemical resistance
- Low dirt pickup
- Paintable after cure

TYPICAL USES

Sealing joints such as construction joints less than 50mm in concrete slabs, concrete panels, fibre cement sheets, block and brickwork, around window and door frames. Enviro Seal CJS is suitable for commercial and residential, internal and external applications.

- Wet areas
- Basements, walls and floors
- Planter boxes
- Retaining walls
- Podiums
- Plant rooms
- Bathrooms
- Balconies

PHYSICAL PROPERTIES

Gel Time	3-4 minutes
Traffic Ready	45-75 minutes
Shore A Hardness	75-80 ASTM C-661
Shore D Hardness	25-29 ASTM C-661
Mix Ratio (A:B)	1:1 (v/v)
Application Range	+5°C - + 80°C

SUBSTRATE PREPARATION

The joint surface must be clean, and free from all loose particles, including dust, all laitance, grease coatings, curing compounds and any other foreign matter.

Enviroseal CJS adheres to and is suitable for use over the following substrates:

- Concrete-Cured for min 28 days
- Renders-Cured for min. 7 days
- Timber
- Masonry substrates – Brick, blocks etc
- Fibre cement sheets
- Aluminium

NOTE: Do not apply sealant to any concrete that has received artificial curing compounds, or to aluminium that may have been treated. Do not apply sealant where there is high humidity, or when rain is anticipated within 2 hours of application.

Not suitable for contact with bitumen or bituminous products.

Test oil-based paints prior to application for suitability.

For further information on substrate preparation or for project specific advice, please consult EnviroSystems.

customerservice@envirosystems.com.au





PRIMING

Excellent adhesion is achieved to suitably prepared substrates without the use of primers. However, for critical applications adhesion may be improved with the use of an approved primer. Contact EnviroSystems Technologies for recommendations on approved primers.

NOTE: For further information on that may require priming or for project specific advice, please consult EnviroSystems.

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APPLICATION

Enviro Seal CJS is to be applied using an appropriate ratio pack cartridge system. Apply Enviro Seal CJS firmly into the joint, ensuring complete contact with all sides of the joint.

For further information regarding application of Enviroseal CJS or for project specific advice please consult EnviroSystems.

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COVERAGE

The consumption of Enviroseal CJS will depend upon the joint size.

Recommendations for External Applications

10 x 5 mm Joint - 12m/600mL Cartridge

PACKAGING & COLOURS

Enviroseal CJS is supplied in a 600ml ratio pack cartridge system.

CLEANING

Enviro Seal CJS should be removed from all tools and equipment, prior to hardening with Enviro Thinners No. 1. Observe all OH&S and MSDS information pertaining to the safe usage and handling of solvents. Cured material can only be removed mechanically.

HEALTH & SAFETY ADVICE

Enviro Seal CJS contents are flammable. Keep away from naked flame. In the event of fire extinguish with foam or CO. Always provide adequate ventilation and wear appropriate Personal Protection Equipment (PPE) during use. Avoid breathing vapours. Avoid contact with skin. If swallowed, DO NOT induce vomiting, give glass of water and seek immediate medical advice. If contact with skin, wash off splashes of material with clean water and soap. If irritation occurs seek immediate medical advice. Refer to the Safety Data Sheet for full safety and handling procedures.

NOTE: Safety Data Sheets are available upon request by emailing customerservice@envirosystems.com.au

We're here to help you!

It is a good idea to keep a journal of your waterproofing job, whether big or small.

- Take pictures at all stages of your work, including preparation
- Record the quantity and description of products used with corresponding batch numbers
- Record dates and times of when you applied products, from start to finish

Please do not hesitate to contact us for any questions you may have.

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