



Enviro Waterstop R-Series

Central & External Rubber Waterstops



DESCRIPTION

Enviro Waterstop R-Series is a high-performance rubber strip that expands on contact with water, creating a watertight seal through the treated joint thus preventing water entry into the structure. The R-Series processes high tensile and compressive strengths while the R2010 Waterstop is embedded with stainless steel wire mesh to prevent distortion.

FEATURES

- Easy application
- Active protection
- Swelling properties unaffected by long term wet/dry cycling
- Retains original shape after repeated expansion and contraction
- Zero VOC
- Suitable for submerged environments
- Resistant to freeze/thaw applications
- Potable Water

TYPICAL USES

Enviro Waterstop R-Series is simple to install and can be used for a variety of applications including;

- Concrete foundations
- Concrete slabs on ground
- Precast walls
- Swimming pools
- Lift pits
- Concrete walls
- Podium slabs
- Water tanks
- Tunnels
- Pipes

PHYSICAL PROPERTIES

Colour	Black
Form	Flexible strip
Shore A Hardness	45 (approx.)
Elongation	>450%
Expansion Volume	>300%
Tensile Strength	20kg/cm ²

Sizes

R2510	25mm x 10mm x 7m
R2005	20mm x 5mm x 15m
R2010	20mm x 10mm x 9m

SUBSTRATE PREPARATION

The concrete surface must be clean, dry and free from all contaminants to ensure a sound stable surface.

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

customerservice@envirosystems.com.au

APPLICATION

All R-Series Waterstops can be mechanically and / or chemically fixed depending on the individual site conditions.

When using mechanical fixings such as concrete nails, ensure that the substrate has sufficient strength to accept these fixings prior to complete installation. Fixing should be placed approximately 300mm apart.

If adhering Enviro Waterstop R-Series to the substrate by chemical means, it is recommended the installer use one of EnviroSystems specialty epoxy adhesives. Adhesive choice will be dependent on substrate conditions and weather.

NOTE: Heavy rain or prolong immersion prior to concrete placement can result in premature swelling of Enviro R-Series Waterstops. Should this occur, the waterstop will need to dry thoroughly before concrete placement takes place. Enviro Waterstop R-Series should not be used in any joint or concrete section of less than 150mm width.





For further information regarding application of Enviro Waterstop R-Series or for project specific advice please consult EnviroSystems.
customerservice@envirosystems.com.au

PACKAGING & COLOURS

Enviro Waterstop R-Series are available in 3 different sizes with roll length dependent on width.

R2510 is 25mm x 10mm x 7m
R2005 is 20mm x 5mm x 15m
R2010 is 20mm x 10mm x 9m

LIMITATIONS

Apply when air temperature is between 10°C and 34°C.
Do not apply to wet concrete surfaces.
Enviro Waterstop R-Series are not designed for long term exposure to UV.

SHELF LIFE

Enviro Waterstop R-Series can be stored in original packaging unopened for 12 months in dry cool conditions below 25°C. Once opened and resealed for later use, the shelf life could vary depending on storage conditions. Always check product quality before using after prolonged periods of storage. If unsure please contact EnviroSystems for advice.

HEALTH & SAFETY 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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