

CEMswell

What is CEMswell:

CEMswell is an extruded rubber based compound made from butyl rubber, hydrophilic resin, polyethylene, silicone and special admixtures used to seal joints in pre-fabricated concrete elements.

Specification Tip for Design Professionals:

CEMswell may be specified by name or by using the following description: an extruded rubber-based compound made from butyl rubber, hydrophilic resin, polyethylene, silicone and special admixtures.



- Suitable for use in both vertical and horizontal joints in prefabricated elements
- Capable of swelling up to four times its own volume
- Available in three different dimensions
- Easy to install

How does CEMswell work:

On contact with water CEMswell is capable of swelling up to four times its own volume and under conditions of confinement will mould itself to the surrounding surfaces producing a water-tight seal.

How do I prepare the surface before applying CEMswell:

The surface onto which CEMswell is to be placed should be clean and flat.

...and now for the science bit...

TECHNICAL DATA

Colour	Grey
Shore A	38
Elongation at break	490/770 %
Tensile strength	1.1 /2.1 MPa
Specific weight	1.25g/cm ³ =1.25
Volume of swelling	Approximately 400%
Service temperature	-30°C to +70°C
Shelf Life	3 years when stored in dry conditions, protected from direct sunlight, frost and water.

Please protect the environment: Dispose of waste in accordance with the local authority regulations.

Product Information Page

SURFASOLOGY™ - The Science of Surfaces

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About SURFASOLOGY™ - The Science of Surfaces

SURFASOLOGY™ is here to make products that work for you and the environment.

At SURFASOLOGY™ we believe that time is our greatest treasure so we try to ensure that you do not waste it. Our products are so good that you have to use them once leaving you free to enjoy life to the most.

Our mission is to make the world a better place, one surface at a time!

Disclaimer:

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However the client is obliged to determine himself what products are suitable for use. Accordingly, no liability will be accepted by SURFASOLOGY™ (IBC Limited).

For further information contact the Surfalogy Technical Department.

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