



# INTER ACTIVE

## Superior joint sealants, for horizontal or vertical jobs

### What is Inter Active?

Inter Active is a two-component polyurethane joint sealant for use in load bearing, saw cut or pre-formed control joints. It's designed as a heavy-duty expansion filler, which will accommodate to up to 10% movement of concrete. On cure, this forms a tough, hard material with a degree of flexibility allowing movement in joints, with curing properties down to 5°C. This fantastic product also comes in two grades: One for horizontal and one for vertical joints.

Inter Active is stocked in 4 amazing base colours. If you require another colour, please inquire to your sales rep with a RAL Classic number. Please note that colours outside the base list may cost extra and/or carry a small MOQ.

### Benefits and Features for both grades:

- Solvent free
- Heavy-duty
- Easy to mix
- Strong but flexible
- Minimal downtime
- Good chemical resistance
- Penetrates narrow joints

### Differences in the two grades:

Inter Active is a pourable grade, low viscosity mix. Applying straight into the joints is easy and not as time consuming.

Inter Active - Vertical is made with application in mind. The higher viscosity allows for application on walls, without the fear of sagging or slump of the sealant.

### Benefits and Features for both grades:

- Production plants
- Warehouses
- Bottling plants
- Workshops
- Food production areas
- General concrete repairs
- Container depots

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The **IM Group** utilizes a process of continuous product improvement for all of our products. While we do strictly adhere to our products' specifications, we routinely implement product improvements. Therefore, please contact us for our most current product specifications. IM Group warrants the quality of this product when used according to directions. User shall determine suitability of product for use and assumes all risk. The seller will not accept liability for more than product replacement.

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### Curing Schedule at 20°C:

Pot Life	20 mins
Light Traffic	24 hours
Full Traffic	7 days
Full Cure	7 days

PLEASE NOTE: At lower temperatures, the above cure times will be increased

### Surface Preparation:

To be assured of maximum adhesion and best properties the correct surface preparation is essential. New concrete should be fully cured. On application of the sealant, all joints should be structurally sound with a clean, dry surface (less than 75% RH) and free from laitance, dust, paint, oil, or other forms of contamination. Damp or wet conditions may affect Inter Active's final appearance and physical properties. The joints should be cleaned out to remove existing materials and packing.

Areas requiring repair should be cut back to sound concrete, and to 50mm depth, or a minimum depth of twice the joint depth whichever is greater. The joint profile should be reformed with Ts72 or another suitable epoxy screed, and well compacted with the joint being re-cut after cure. Joint faces should be clean cut with a diamond saw to remove all traces of previous sealants, primers etc. Ask your sales rep about suitable products for concrete repair and cleaning.

A closed cell polyurethane joint backing rod should be used in joints over 10mm deep. This should be placed into the joint taking care not to stretch the backing rod, as this could result in unsupported areas under the joint. The backing rod should be not less than 10% bigger than the joint width and compressed into the joint to leave a uniform smooth surface. Bond breaker tape should be used where polyurethane backing rod is not employed at the base of the joint to prevent sealant adhesion.



## Priming:

For application on porous or friable surfaces, priming the area beforehand should be considered. Ask your sales rep for a suitable primer. This should be applied using a stiff brush, and application of Inter Active should only begin after the primer has reached a highly tacky state (approximately 4 hours) and within 24 hours. If 24 hours are exceeded, the joints should be re-primed. Take care not to coat the bond breaker or to flood the joint with primer.

## Mixing:

Transfer the entire contents of the hardener Part B component into the Part A component and mix for a minimum of 3 minutes using a slow speed drill & paddle mixer to avoid air entrapment. Periodically scrape the bottom and sides of the mixing vessel to ensure complete mixing is attained.

## Application:

Immediately after mixing, pour or gun directly into the joint until slightly proud of the floor surface. Allow to settle and tool level with floor surface using a plastic tool. Additional applications may be necessary as material settles into joint, especially above 20mm. Joint edges should be masked with tape which can be removed after material has become tacky.

Materials and substrate should be above 5°C, as to maximise curing performance, colour and adhesion to the substrate.

## Advice for Application:

- All MDI based polyurethane products are adversely affected by exposure to UV light and will be prone to cosmetic yellowing of the surface. This does not affect its performance or function.
- Excessive shrinkage or movement of concrete may exceed the capability of the sealant resulting in splitting of the sealant or de-bonding of one edge. Therefore, joints should be inspected regularly so that repairs can be made. A softer material will offer much less aris protection potentially leading to costly joint repairs in the future.

## Linear Metres per Kg:

	D:5.0mm	D:10.0mm	D:15.0mm	D:20.0mm
W:5.0mm	28.40	14.20	9.46	7.10
W:10.0mm	14.20	7.10	4.73	3.55
W:20.0mm	7.10	3.55	2.37	1.78
W:25.0mm	5.68	2.84	1.89	1.42
W:30.0mm	4.73	2.37	1.58	1.18
W:40.0mm	3.55	1.78	1.18	0.89

## Coverage Rate:

To determine the amount of sealant required (in ml) multiply depth (mm) x width (mm) x length (m) i.e. 1 metre length x 20mm depth x 10mm width will require 200ml of product.

Overall coverage of this product, in reference to a joint that is 20mm deep and 10mm wide, is therefore 25m in length.

## Storage:

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions. Inter Active has a maximum of 12 months shelf life when stored in the original, unopened containers.

## Cleaning Equipment:

All equipment used should be cleaned immediately after with xylene.

## Health & Safety:

Always read and understand the label, and Safety Data Sheet provided, before using this product. Always wear recommended PPE when using this product. The SDS and this Technical Data Sheet is also available on our website, [www.img-limited.co.uk](http://www.img-limited.co.uk).

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