



INNOVATIVE & PERMANENT SEALING

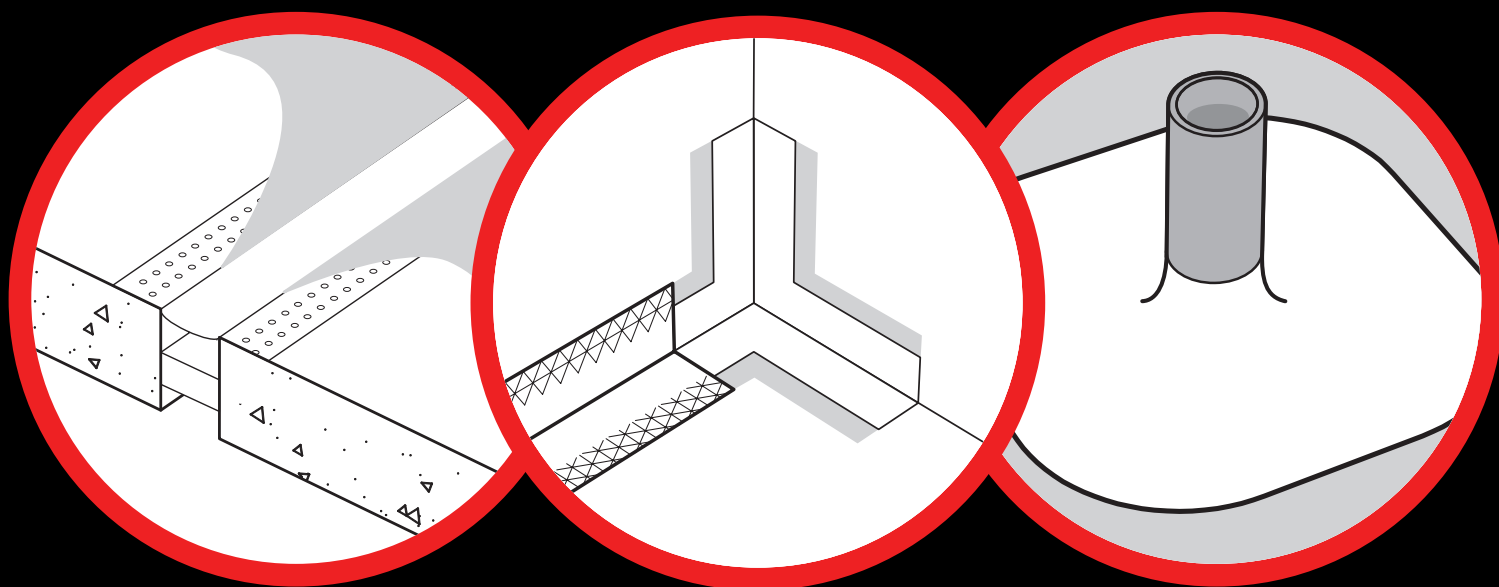
The Elastoproof system is a modern day innovation for the waterproofing of the most critical areas in the built environment. Waterproofing failures commonly occur where inferior methods are used to detail membranes at volatile movement zones subject to expansion, vibration, flexing and other building stresses, such as:

- **Wall/floor junctions and general substrate abutments** • **Control joints, movement and expansion joints**
- **Pipes, penetrations and fixtures through wall and floor surfaces** • **Corner intersections between building surfaces**

The Elastoproof system overcomes many challenges at movement zones that often compromise waterproofing longevity by providing high elastic recovery while simultaneously maintaining high tensile strength, two key properties that enhance long term protection.

The Elastoproof range consists of:

- **Joining Bands** ● **Prefabricated Corners & Joint Sections** ● **Pipe Collars**



These items ensure potential failure areas are protected against building stresses by providing a long term elastic seal. Elastoproof products are made from a unique grade of rubber which is not only water and vapour resistant but provides excellent durability against a range of chemicals, UV light, varying temperatures and environments.

Inside this brochure is information on the patented Elastoproof range. Please also refer to the Elastoproof website where information on more Elastoproof developments will be showcased.

www.elastoproof.com

Prefabricated Sections

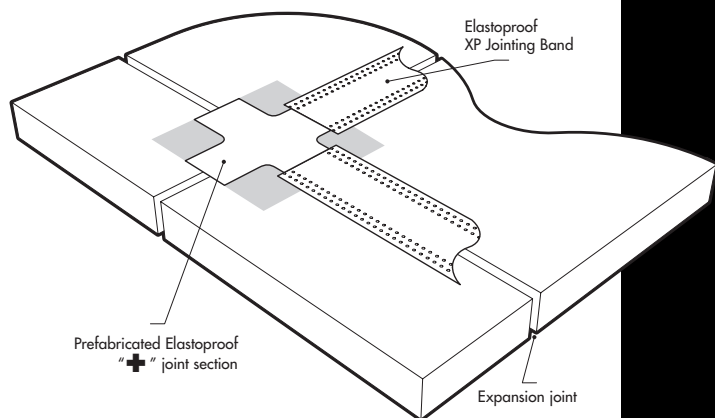
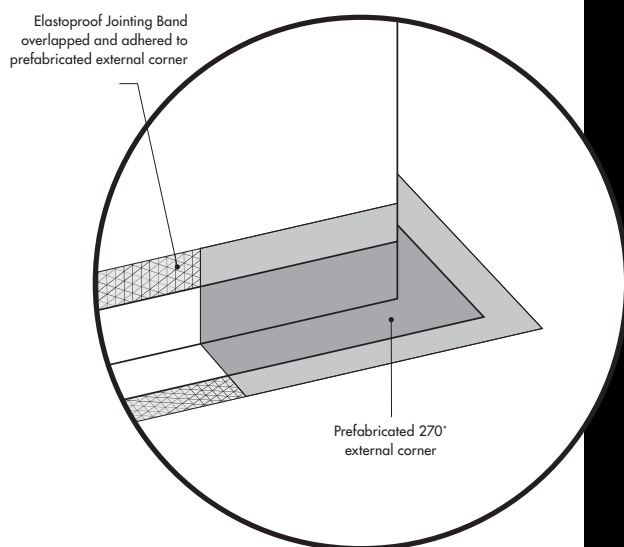
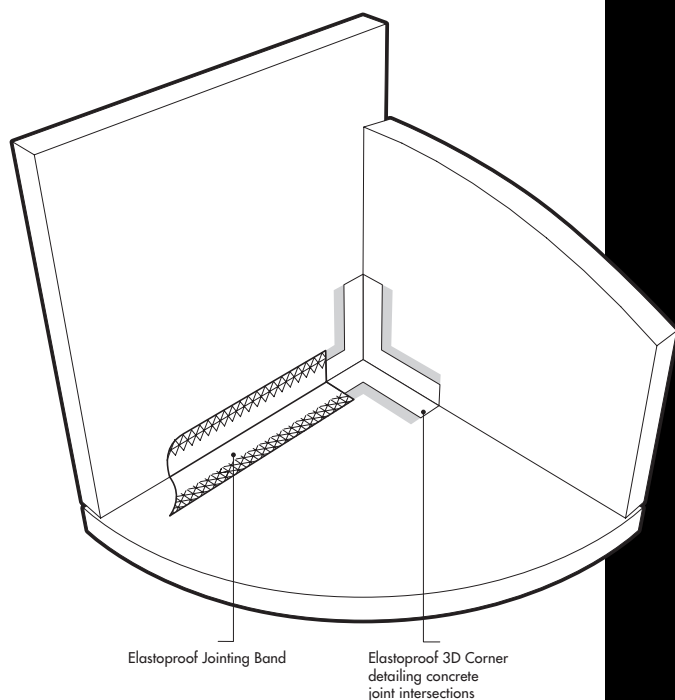
The Prefabricated Sections ensure effective detailing of the Elastoproof Jointing Band application at critical corner and joint intersections of substrates. These prefabricated profiles are made to fit numerous joint designs and dimensions, maintaining the "Flexible Zone" to ensure a seamless and elastic seal at joint intersections. Overcomes many difficulties when detailing membranes at volatile areas, providing a superior alternative to methods of multi layered membranes, reinforcement layers, bond breaking tapes, foam rods, sealants and welding.

Prefabricated Section Grades

- **Internal Corners** – designed for 90° corners to form a seamless seal over corner joint intersections. Available in B and N grades
- **External Corners** – designed for 270° corner sections to form a seamless seal between wall intersections. Ideal for pillars, columns and outside returns. Fixed with Gripset membrane range. Available in B and N grades
- **3D Corner** – heavy duty internal 90° corner section with a vertical upstand for sealing wall/floor and wall/wall intersected corners. Suitable for large open joints, particularly pre-cast concrete or corner areas prone to high movement. Outer edges are perforated for embedding/fixing with Elastoproof Construction adhesive or Gripset SB adhesive
- **Joint Section** – prefabricated joint section for placement directly over vertical or horizontal joint intersections to accommodate movement in lateral, longitudinal and transverse directions. **3 common Joint Section grades available in "T", "L" and "+" design with a central "Flexible Zone"**. Standard sections fixed as per N grade joint bands. XPX grade sections fixed as per XPX joint band. Custom made joint sections available for various designs

Features and benefits –

- Ensures seamless elastic seal at joint intersections
- Elastoproof rubber is waterproof, vapour proof and possesses up to 100% elastic recovery
- High tensile strength for superior rupture resistance and high elongation
- Long term optimum sealing and protection at volatile areas
- Eliminates need for cutting and shaping standard reinforcing fabrics
- Avoids lap joints and welds at areas
- Enables longitudinal, lateral and transverse movement at critical intersections
- Available in different grades for high impact commercial and industrial applications to general sealing applications
- Compatible and guaranteed with all Gripset membranes and adhesives

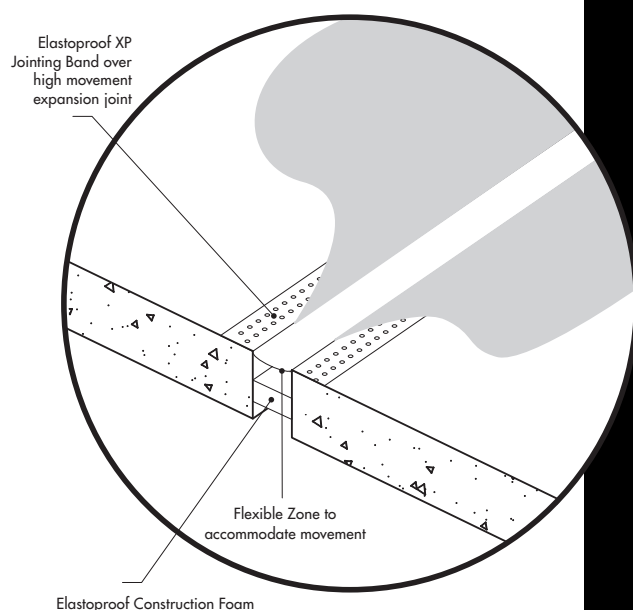
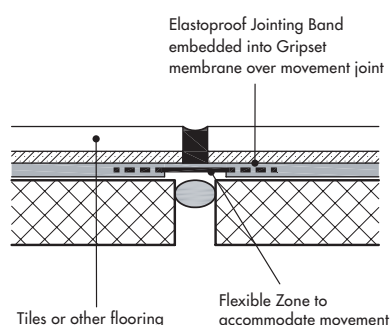
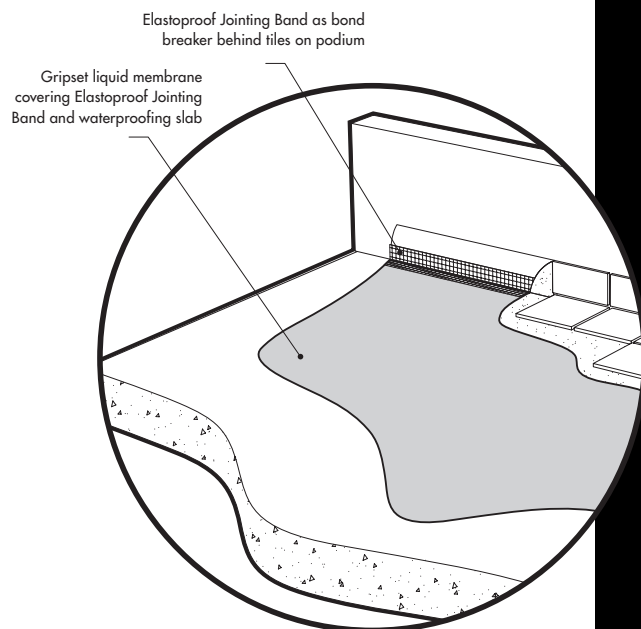


Jointing Band

The Elastoproof Jointing Band has been designed for waterproofing and sealing all types of expansion joints, control joints, substrate abutments, joint seals, overlapped sheet joints and general jointing areas prone to movement. The key feature of the Jointing Band is the "Flexible Zone", a central mid section of rubber along the length of the Jointing Band that can accommodate movement in longitudinal, lateral and transverse directions. The Flexible Zone is placed directly over the joint with outside edges of the Jointing Band bonded to substrates; this enables high elongation, rupture resistance (when used as a bond breaker) and up to 100% elastic recovery while maintaining high tensile strength to accommodate movement.

Jointing Band Grades

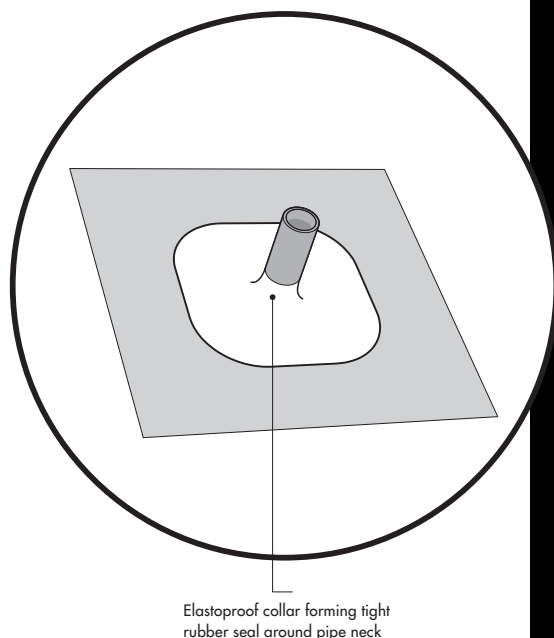
- **W50 Grade** – with non woven polypropylene fabric on outer edges for embedding into Gripset liquid membranes. Suitable for wet areas, showers and low movement joints.
- **B50 Grade** – with non woven polypropylene fabric on outer edges for embedding into Gripset liquid membranes. Suitable for wet areas, showers, decks, balconies and general waterproofing.
- **N50 Grade** – with polyester fabric on outer edges for embedding into Gripset cementitious and bituminous membranes. Suitable for planter boxes, retaining walls, garden beds and precast concrete panels.
- **XP & XPX Grades** – heavy duty rubber grade with perforations on outer edges for embedding into Elastoproof Construction adhesive. Suitable for high movement and expansion joints.



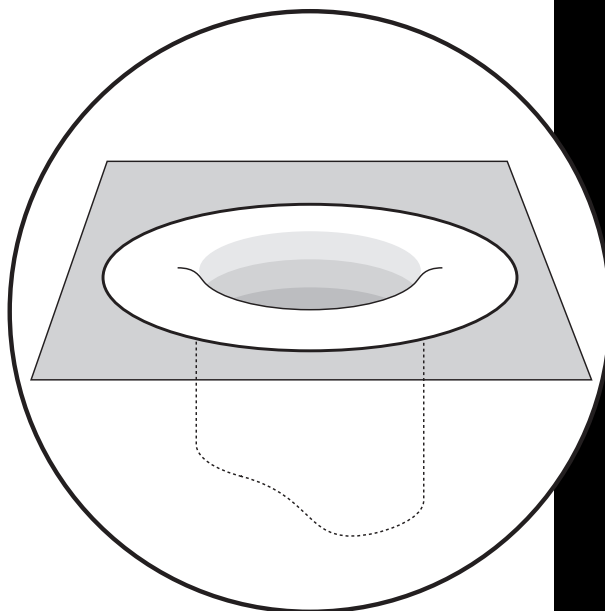
Features and benefits –

- Easy and time saving installation
- Eliminates need for bond breaking sealants, foams and tapes
- Elastic reinforcement at critical junctions
- Elastoproof rubber is waterproof, vapour proof and possesses up to 100% elastic recovery
- High tensile strength for superior rupture resistance and high elongation
- Long term optimum sealing and protection at volatile areas
- Available in different grades for high stress joints in commercial and industrial applications to general sealing/waterproof applications
- Compatible and guaranteed with all Gripset membranes and adhesives

BASE COLLAR



INVERTED COLLAR



Collars

The Elastoproof Collars ensure effective detailing and enhanced sealing around penetrations such as pipes, drainage outlets, cabling and any substrate fixtures by protecting against movement, vibration and cracking. Elastoproof Collars provide a permanent tight rubber seal against water ingress enabling penetrations to withstand a variety of movement conditions without compromising the membrane seal.

Collar Grades

• **Base Collar** – designed for direct use over wall and floor penetrations protruding from substrates. Base Collars have a central rubber section with a circular aperture that is slid over the penetration to form a tight stranglehold seal that moulds around the neck of the pipe. The perimeter fabric layer of the Collar is then bonded to surfaces by embedding into Gripset membranes/adhesives. Collars are available in a number of sizes with different diameter apertures for various penetration dimensions.

Features and benefits –

- Elastoproof rubber is waterproof, vapour proof and possesses up to 100% elastic recovery
- Eliminates need for sealants around penetrations which break down over time
- Creates a permanent tight rubber seal around pipe
- Collars bridge gap and provide continuous seal between pipe and substrate, a common failure point in waterproofing applications
- Available in various sizes and grades to suit most common pipe dimensions

• **Inverted Collar** – designed for pipe and drain outlets that are either recessed below or level with the substrate. Designed similar to the Base Collar with a fabric layer around the outside perimeter, the Inverted Collar has a prefabricated return of rubber to fit directly into the inside of a pipe or drain. Inverted return is adhered and sealed to pipe surfaces with Elastoproof Construction adhesive. Once fitted, membrane is applied to form a seamless drain seal. Ideally suited for all types of floor and wall pipes where Base Collars are not able to be used, e.g. shower alcoves, wet areas, swimming pools, reticulation tanks etc.

Features and benefits –

- Elastoproof rubber is waterproof, vapour proof and possesses up to 100% elastic recovery
- Eliminates the need to dress fabrics/sealants down into pipes hence eliminating adhesion issues and sealants breaking down
- Collars bridge gap between pipe and substrate, a common failure point in waterproofing applications
- Available in various sizes and grades to suit most common pipe dimensions

For more information on the Elastoproof range, including specification guidelines, fixing details, adhesives and new releases, log onto **www.elastoproof.com** or contact **Gripset Industries** on **+61 8 8268 1855** or fax **+61 8 8347 4210**

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