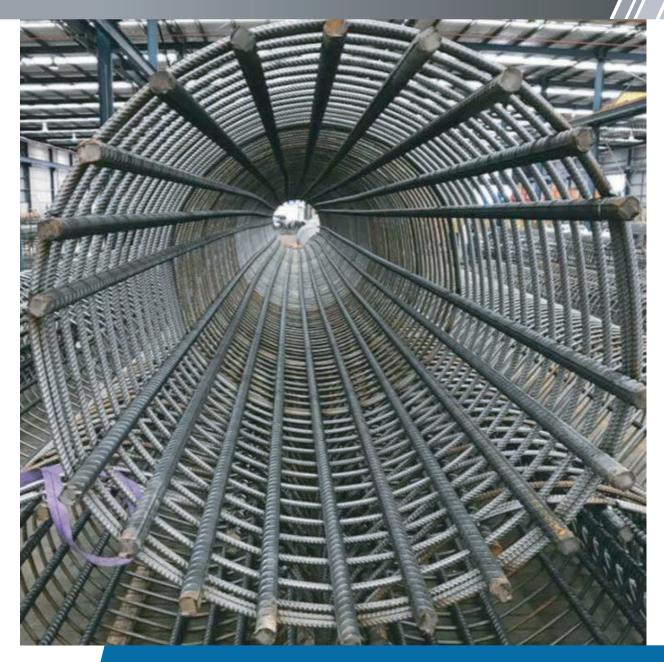
# SOF-FORM®

### **DEBONDING FOAM**



SOF-FORM® Debonding Foam is a closed cell, physically crosslinked polyolefin foam sleeve that provides isolation between the concrete pile and steel reinforcement.





## SOF-FORM® Debonding Foam

#### **Profiles**

- 28mm ID x 10mm wall
- 32mm ID x 10mm wall
- 40mm ID x 10mm wall
- 51mm ID x 10mm wall
- 67mm ID x 10mm wall
- 70mm ID x 10mm wall

Other sizes available on request.

#### **Physical Properties**

**SOF-FORM® Debonding Foam** is made using a closed cell, physical crosslinked, polyolefin foam with an outer skin. The foam is free of heavy metals, plasticisers and CFCs.

| Property                        | Typical Value  | Test Method |
|---------------------------------|--|-------------|
| Density                         | 22 kg/m³ (nominal)   | Internal    |
| Tensile<br>Strength             | 3.1 kg/cm² (longitudinal)<br>1.7 kg/cm² (crosswise)                                  | JIS K6767   |
| Elongation                      | 210% (longitudinal)<br>122% (crosswise)  | JIS K6767   |
| Tear Strength                   | 1.8 kg/cm (longitudinal)<br>1.1 kg/cm (crosswise)                                    | JIS K6767   |
| Compression<br>Strength         | 0.29 kg/cm <sup>2</sup> @ 25% deflection<br>0.74 kg/cm <sup>2</sup> @ 50% deflection | Internal    |
| Compression<br>Set              | 9.1% @ 25% deflection<br>30.0% @ 50% deflection                                      | JIS K6767   |
| Dimensional<br>Change Heat      | -1.78% (longitudinal)<br>-0.80% (crosswise)  | 70°C, 22h   |
| Water<br>Absorption             | 0.14 mg/cm <sup>2</sup>  | JIS K6767   |
| Water Vapour<br>Permeability    | 5.6 g/m², 24h  | JIS Z0208   |
| Working<br>Temperature<br>Range | -80 / +100°C   | Internal    |

#### Product Installation /////









**SOF-FORM® Debonding Foam** is a closed cell, physically crosslinked polyolefin foam sleeve that provides isolation between the concrete pile and steel reinforcement. It is used to cover all vertical reinforcement bars to facilitate pile cut off in the construction industry.

Debonding foam will protect the rebar against corrosion and will minimize vibration while providing excellent compression characteristics and very low moisture absorption.

#### **KEY FEATURES**

- · Quick and easy to install.
- · Suitable for use on all rebar sizes.
- We supply in 50M and 100M rolls More efficient in production and transport, leading to competitive prices.
- Offers excellent pile protection and reinforcement.
- Very low moisture absorption and anti vibration properties.
- Excellent rebound recovery.
- Manufactured in 6 standard sizes, with special sizes offered for project quantities.
- Made in Australia.











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