

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/m ³ (nominal)	Internal
Tensile Strength	3.1 kg/cm ² (longitudinal) 1.7 kg/cm ² (crosswise)	JIS K6767
Elongation	210% (longitudinal) 122% (crosswise)	JIS K6767
Tear Strength	1.8 kg/cm (longitudinal) 1.1 kg/cm (crosswise)	JIS K6767
Compression Strength	0.29 kg/cm ² @ 25% deflection 0.74 kg/cm ² @ 50% deflection	Internal
Compression Set	9.1% @ 25% deflection 30.0% @ 50% deflection	JIS K6767
Dimensional Change Heat	-1.78% (longitudinal) -0.80% (crosswise)	70°C, 22h
Water Absorption	0.14 mg/cm ²	JIS K6767
Water Vapour Permeability	5.6 g/m ² , 24h	JIS Z0208
Working Temperature 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.

SEKISUI

FOAM
INTERNATIONAL
Global Foam Solutions



Sekisui Foam Australia
Head Office
1-5 Parraweena Rd, PO Box 2898,
Taren Point NSW 2229 Australia
Tel: +61 2 9525 9880
Fax: +61 2 9525 8004
Email: info@sekisuifoam.com.au
Web: www.sekisuifoam.com.au

Queensland Branch
15/853 Nudgee Rd, PO Box 448,
Northgate QLD 4013 Australia
Tel: +61 7 3267 7100
Fax: +61 7 3267 7166
Email: info@sekisuifoam.com.au
Web: www.sekisuifoam.com.au