

SOF-FORM™

DEBONDING FOAM



SOF-FORM™ debonding foam is a closed cell, physically crosslinked polyolefin foam that will provide improved pile protection and reinforcement.



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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 Value	Test Method	Units	Typical
Density	Internal	kg/m ³	20 (nominal)
Tensile Strength	JIS K6767		
MD		kg/cm ²	1.9
CD		kg/cm ²	1.3
Elongation	JIS K6767		
MD		%	80
CD		%	108
Tear Strength	JIS K6767		
MD		kg/cm	0.9
CD		kg/cm	1.1
Compression Strength	Internal		
25%		kg/cm	0.26
Compression Set	JIS K6767		
25% Defl.n		% set	9.5
Dimensional Change Heat	70°C, 22HR		
MD		%	-1.50
CD		%	-0.90
Water Absorption	JIS K6767	mg/cm ²	0.09
Water Vapour Permeability	JIS Z0208	g/m ² , 24h	4.5
Thermal Conductivity	ASTM 177	W/mK	0.034

Product Installation



SOF-FORM™ debonding foam is a closed cell, physically crosslinked Polyolefin foam that will provide improved pile protection and 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.
- Offers excellent pile protection and reinforcement.
- We supply in 50M and 100M rolls - More efficient in production and transport, leading to competitive prices.
- 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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