HANNA RUBBER COMPANY

Specification Sheet

HR300HT

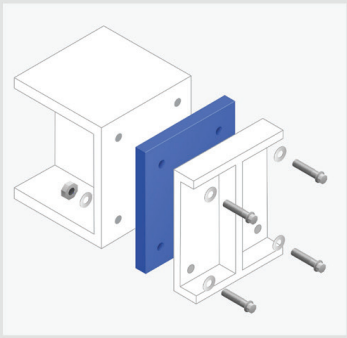
Material Specification

HR300HT has the highest level of compressive strength and thermal insulation of all available products and can meet demanding application specifications.

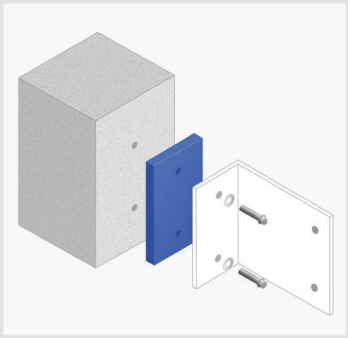
HR300HT has been independently tested and certified so specifiers and customers know they are buying a quality product. We can supply this in cut pads, strips or in any other shape within the parameters of the material.

Applications

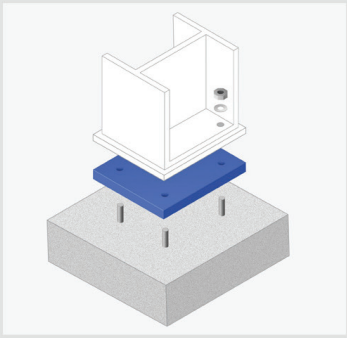
- Steel to Steel
- Steel to Concrete
- Concrete to Concrete
- Steel to Timber
- Balconies
- Canopies
- Brise-soleil
- Roof Plant enclosures
- Façade Systems
- Balustrading
- Parapets
- Man-safe systems
- Staircases
- Building Maintenance Units



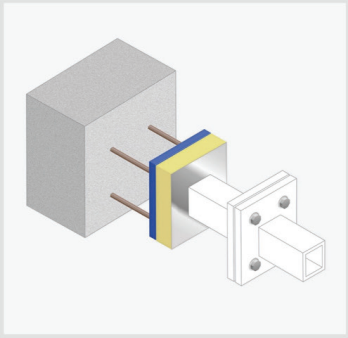
Steel to Steel Connection



Brickwork to Cladding Connection



Column Base Connection



Steel to Concrete Connection

Hanna Rubber Company
908 West 25th Street
Kansas City, Mo. 64108

Phone Number:
816-221-9600

Email Address:
sales@hannarubber.com

Website:
www.hannarubber.com

Compressive Strength at 23°C (73°F)	Unit	Value	Test Standard
Characteristic	MPa (PSI)	259.5 (37,637)	ISO 826
Design	MPa (PSI)	198 (28,700)	ISO 826
Mechanical Properties			
Flexural Strength	MPa (PSI)	170 (24,656)	ISO 178
Shear Strength	MPa (PSI)	8000	ISO 178
Modulus of Elasticity	MPa (PSI)	10000 (1,450,377)	ISO 178
Friction Coefficient	/	0.15	ASTM D1894
Physical Properties			
Density	g/cm3 (lbs/ft^3)	1.5 (+/-0.1) (94)	ISO 1183
Water Absorption 24h 23°C (24h 73°F)	%	0.49	ISO 12087
Thermal Properties			
Operating Temperature	°C (°F)	-180 +200 (-292 +392)	
Coefficient of Linear Expansion	1.0E-6 / K	20	DIN 53752
Thermal Conductivity	W/m.K (BTU/Hr/ft^2/in°F)	0.1332 (0.92)	DIN 52612
Flame Retardancy		V0	UL94
Thicknesses Available			
Width 1,220mm (96″) x Length 2,400mm (48″)	mm (″)	6 (0.236) 10 (0.393) 12 (0.472) 15 (0.59) 20 (0.787) 25 (1)	

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