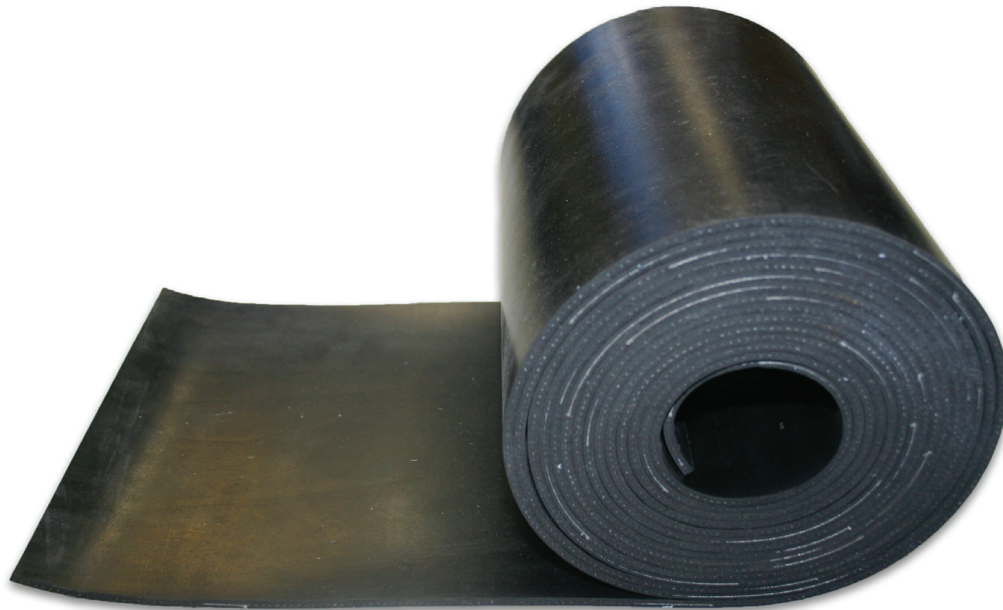




PLAIN RUBBER STRIP / PAD

NATURAL OR NEOPRENE RUBBER STRIP / PAD



PRODUCT FEATURES

PLAIN RUBBER STRIP/ PAD are non-reinforced elastomeric bearing manufactured from a high quality natural rubber or neoprene rubber compound, then it is moulded to any required sizes. It is used at precast or steel components to absorb the compressive forces of loading, while isolating and absorbing the destructive effects of shock and vibration

PLAIN RUBBER STRIP/ PAD are highly elastic and will perform as a flexible insulating layer between rigid building materials. This allows for controlled movement between the two different building materials when they are fastened together.

The compressibility of the **PLAIN RUBBER STRIP/ PAD** also assists in eliminating variations in surface finishes of rigid materials. Rubber will act as a bearing pad to increase contact area in the joint and ensure loads are evenly distributed over the entire design surface area. It will also create a seal between them preventing noise transmission and potential damage from environmental conditions such as moisture, humidity and heat.

ADVANTAGES

- Rugged and durable structure
- High flexibility and bearing strength
- Capable of carrying compressive loads
- Various application in prefabricated structures
- Vibration, sounds and shocks isolation and absorption
- Economical compare with laminated elastomeric bearing

FIELD OF APPLICATION

- Building
- Flyovers
- Short-span bridges
- Other civil engineering constructions

PLAIN RUBBER STRIP / PAD **NATURAL OR NEOPRENE RUBBER STRIP / PAD**

TECHNICAL PROPERTIES

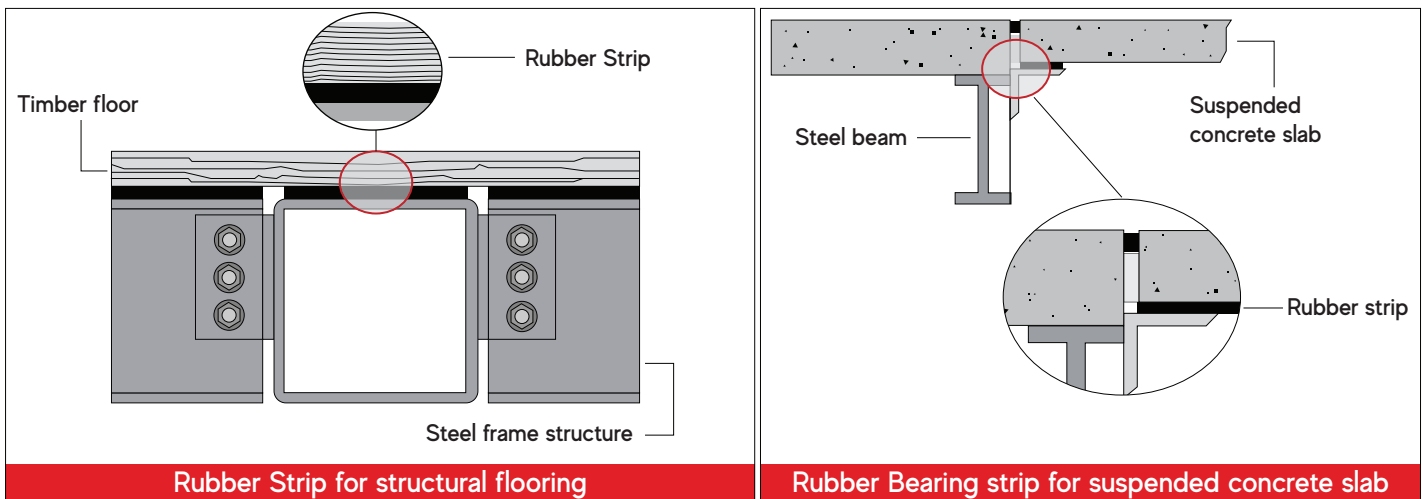
PROPERTY	TEST METHOD	UNIT MEASUREMENT	VALUE
Hardness	BS ISO 48-2 : 2018	IRHD	60 ± 5
Tensile Strength	BS ISO 37 : 2017	MPa	>15
Elongation at Break	BS ISO 37 : 2017	%	>400
Compression Set (24 hours / 70°C)	BS ISO 815-1 : 2014	%	≤30
Density	BS ISO 2781 : 2018	g/cm ³	1.18 ± 0.05
Ozone Resistance (25pphm/20% strain/96hrs/30°C)			No Crack
Ageing : change from unaged values after 7 days in air at 70°C			
Hardness	BS ISO 48-2 : 2018	IRHD	+ 10
Tensile Strength	BS ISO 37 : 2017	MPa	- 15
Elongation at Break	BS ISO 37 : 2017	%	- 20

All tested and physical parameter values given are subjected to a 5-15% tolerance factor

PHYSICAL PROPERTIES

Material	Natural Rubber
Color	Black
Size	Width : 50mm - 600mm Thickness : 5mm - 50mm Length : 1m - 20m *Size other than the above can be manufacture on request
Packing	Depend on size

TYPICAL DRAWING



INSTALLATION PROCEDURES

Installation of **PLAIN RUBBER STRIP / PAD**. Cut open and remove **RUBBER STRIP / PAD** from packing and clean any dirt if found on it. Place **RUBBER STRIP / PAD** on top of applied epoxy resin.

CARE SHOULD BE TAKEN, Due to slippage when compressed, a gap around all sides of the **PLAIN RUBBER STRIP / PAD** must be provided. It is recommended that this gap be a minimum of 12mm.

This technical data sheet is given in good faith and does not guarantee the application work. All Unity Reliance technical data sheets & method statements are updated on a regular basis and can be subject to change without notice. It is the users responsibility to obtain the latest version of the information required.



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