



DECLARATION OF PERFORMANCE

SM241BRIDGE BEARING RUBBER

1. Unique identification code of the product-type:

SM241 BRIDGE BEARING RUBBER

2. Intended use or uses:

Non-Reinforced, Black, made from Synthetic Rubber, Natural rubber bridge bearings, including elastomeric bearings, which are commonly used in bridge construction to allow for movement and rotation between bridge components.

3. Name, registered trade name or registered trade mark and contact address of the manufacturer:

SM241 BRIDGE BEARING RUBBER

Manufacturer:

Metroseal
Units 28-30 Purdeys Way
Rochford
Essex
SS4 1ND



**DECLARED PERFORMANCE OF BRIDGE BEARING PAD SHEET AS PER
EN 1337 - 3 : 2005**

No.	Test Parameter	Test Method	Unit	Observation
1	TENSILE STRENGTH	ISO 37 Type 2	MPa	19.91
2	ELONGATION AT BREAK	ISO 37 Type 2	%	496
3	TEAR RESISTANCE (TROUSER METHOD A)	ISO 34 - 1	kN/m	16.63
4	COMPRESSION SET AT 70°C FOR 24 HRS., 25%	ISO 815 - 1	%	15.16
5	SHEAR MODULUS (G MODULUS)	EN 1337 - 3	MPa	0.85
6	HARDNESS (IRHD)	ISO 48-1	IRHD	70.5
7	SPECIFIC GRAVITY	ASTM D 297	-	1.25
8	ACCELERATOR AGEING AT 70°C FOR 7 DAYS			
A	TENSILE STRENGTH	ISO 188 & ISO 48 1	%	-0.44
B	ELONGATION AT BREAK		%	-11.3
C	HARDNESS (IRHD)		IRHD	2.3
9	OZONE RESISTANCE (ELONGATION 30%/96 Hrs. / AT 40° ± 2 C/ 25pphm)	ISO 1431-1	Visual	No Cracks

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