www.armadillonv.com

Armaload DLW66 & DLW66XP

Vibration, Shock & Acoustic Isolation

Introduction

Armaload DLW66 Load Bearing Pads are used extensively in standard construction applications, precast and prestressed concrete bridges, buildings and structural steel bearing applications, as well as machinery, equipment foundation, railway tie pads and shock and vibration isolation.

DLW66

Strong and Effective

Armaload DLW66 Load Bearing Pads

It is critical that the correct grade of ARMACEL is selected for the application to ensure the highest degree of isolation.

DLW66 Load Bearing Pads are made from masticated elastomer which is fully cured and fibre reinforced. During the manufacturing process synthetic fibres are added to the base compounds to create an internal strengthening much like steel reinforced concrete. This mesh structure delivers enhanced tensile and compressive strength, stiffness, tear resistance, durability and superior ozone and weather resistance. The combination of these properties cannot be achieved with out fiber reinforcement.

Premium Grade Armaload DLW66XP

Our premium grade Armaload DLW66XP Elastomeric Load Bearing Pads are constructed in a unique cross ply manufacturing process, giving uniform physical properties in all directions. These premium grade load bearing pads are designed for more demanding structural applications with greater load requirements.

High Quality Manufacturing Process

All Armaload DLW66 Load Bearing Pads are manufactured in continuous cure presses, not batch presses, which allow us to economically produce custom shapes and sizes and meet the demands of large scale construction projects. Load bearing pads can be supplied to specified dimensions ready for installation, including cut outs and holes, or in sheet form for on site fitting.greater load requirements.

Armaload DLW66 Elastomeric Bearing Pads have been used in:

- Bridge Bearing masonry pads
- Lighting standard pad seats
- Handrail bearing pads
- Pads between steel beams, girders and columns
- Pads between bridge and roof beams and substructures
- Shock and vibration isolation Railway tie pad applications

Call **+44 1274 591115** For all enquiries

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ARMADILLO
NOISE & VIBRATION SOLUTIONS

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Armaload DLW66 & DLW66XP

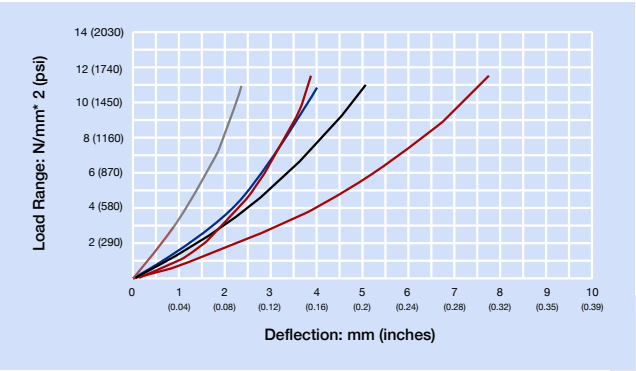
Vibration, Shock & Acoustic Isolation

Technical Data - Armaload DLW66 and DLW66XP Load Bearing Pads

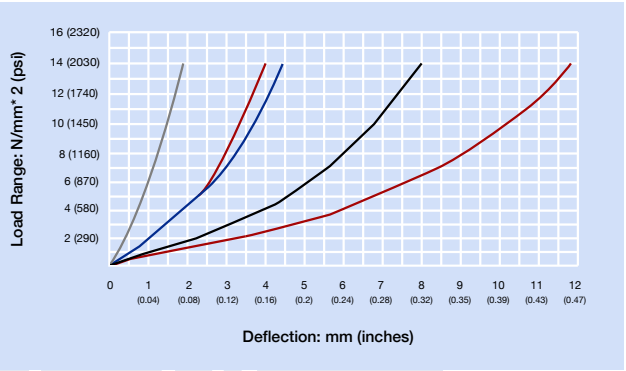
PHYSICAL PROPERTIES (ORIGINAL)	TEST METHOD	SPECIFICATION OF DLW66 LOAD BEARING PADS		SPECIFICATION OF DLW66XP LOAD BEARING PADS	
Tensile Strength Min.	ASTM D412, Die C	MD: 5.2 Mpa	MD:754 PSI	MD:7.0 Mpa	1000 PSI
Tear Strength Min.	ASTM D624, Die B	MD: 26.4 kN/,m TD: 52.5 kN/m	MD:150 PI M TD: 300 PI	D: 35 kN/m TD: 70 kN/m	200 PSI 400 PSI
Elongation, % Min.	ASTM D412, Die C	MD: 15 TD: 40		MD: 15 TDL: 40	
Hardness, Shore A	ASTM D2240	80 ±)5		75 ±)5	
Specific Gravity	ASTM D297 sec. 16.3	N/A		1.18	
Ozone Resistance	ASTM D518 “B”	Application specific		Application specific	
Low Temperature Resistance	ASTM D2137 @ -40°C	Pass		Pass	
Coefficient of Friction	ASTM D1894	>0.8		>0.8	
Physical Properties (Heat Aged)	**TEST METHOD ASTM D573, 70H @ 70°C**				
Tensile Strength, Change % Max.	ASTM D412, Die C	±)25		±)25	
Elongation, Change %, Max.	ASTM D412, Die C	±)25		±)25	
Hardness, Change Pts.	Max. ASTM D2240	±)10		±)10	

MD = Machine Direction TD = Transverse Direction

DLW66



DLW66XP



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