

General purpose machine mounting material

Vidam VM

Colour: Brown

Plain both sides, no tread.

Description: A general purpose machine mounting material

Construction: A nitrile rubber/granulated cork composite material.

Applications: Light machine tools, Woodworking machines, Assembly machines, Machinery and equipment in Food, Drink, Chemical and Pharmaceutical Industries, Heating and ventilating equipment. No tread.

May need adhesive in certain situations. Use Farrat Squaregrip Adhesive.

Other properties

Creep: Subject to some creep under load.

Operational Life: 65 years + (subject to environment)

Oil and Chemical Resistance:

Conditional, full chemical resistance table available on request.

Natural Frequency Range: Low to medium

Damping: Medium

Working Temperature Range: °C: -30 to + 120

(Properties subject to change outside range °C: -10 to + 80)

Standard Sheet Sizes mm:

1000x500, 500x500 and other sizes to order. Pads can be supplied against customer drawings including holes, slots etc.

Cutting and drilling

Cut with circular saw, band saw or water jet, holes with twist drill or punch

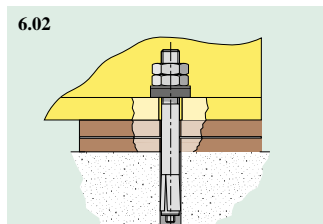
Health and Safety

Wear protection against any dust created when cutting and or drilling

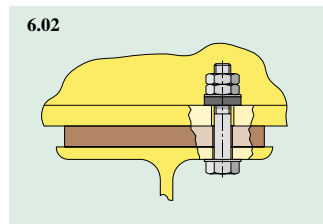
Building Materials class: B2

Compression set:

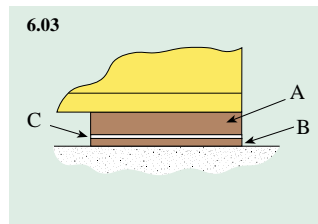
at 23deg C 70hours 15% initial deflection 30 mins unload.



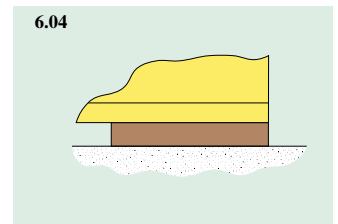
Bolt through pad installation using single, or multiple pad configuration.



Bolt through installations to steelwork



Free standing installation on multiple pads A & B with metal shim(s) C for levelling.



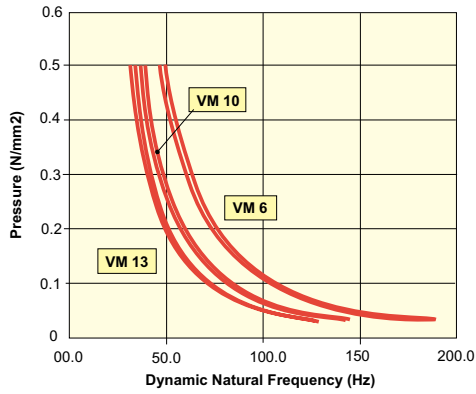
Free standing installation on single thickness pads.

VIDAM		VM	VM 6	VM 10	VM 13	VM 20	VM 25	
Static Compression Modulus	Ecs	N/mm ²	7	7	7	7	7	
Specific Spring Constant	SSC	N/mm/mm ²	1.17	0.70	0.54	0.35	0.28	
Thickness	T	mm	6	10	13	20	25	
Damping	C/Cc		0.16	0.12	0.12	0.12	0.12	
Coeff. of Friction (dry)			0.6	0.6	0.6	0.6	0.6	
Hardness Shore A	IRDH A	+/- 3	65	65	65	65	65	
Ratio Dyn to Static Modulus	D		3.9	3.9	3.9	3.9	3.9	
Maximum Static Pressure	MSP	N/mm ²	0.5	0.5	0.5	0.5	0.5	
Maximum Static Pressure	MSP	kg/cm ²	5	5	5	5	5	
Maximum Overload Pressure	MOP	N/mm ²	1	1	1	1	1	
Static Loading Pressure								
	N/mm ²	mPa	kg/cm ²	fsv fdv d	fsv fdv d	fsv fdv d	fsv fdv d	
	0.10	0.10	1	54 107 0.09	42 83 0.14	37 73 0.19	30 59 0.29	27 53 0.36
	0.20	0.20	2	38 76 0.17	30 59 0.29	26 52 0.37	21 42 0.57	19 37 0.71
	0.30	0.30	3	31 62 0.26	24 48 0.43	21 42 0.56	17 34 0.86	15 30 1.07
	0.40	0.40	4	27 54 0.34	21 42 0.57	18 36 0.74	15 29 1.14	13 26 1.43
	0.50	0.50	5	24 48 0.43	19 37 0.71	17 33 0.93	13 26 1.43	12 24 1.79

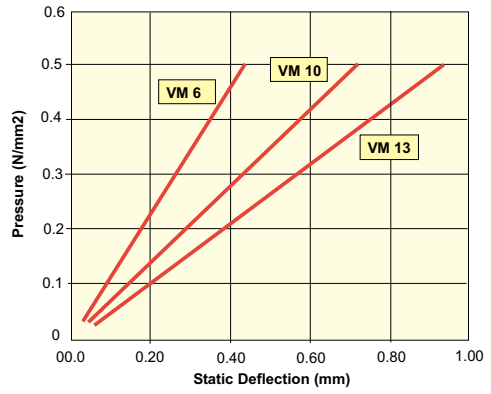
This information is for guidance only

Vertical		
Static Natural Frequency	Hz	fsv
Dynamic Natural Frequency	Hz	fdv
Static Deflection	mm	d

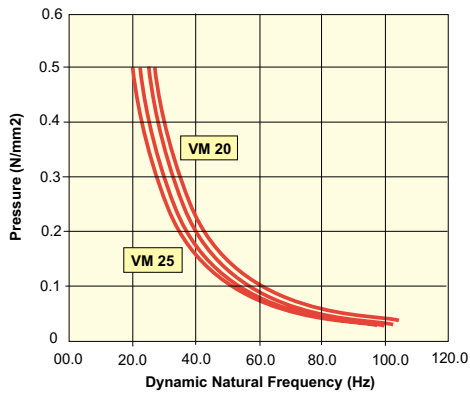
Pressure v Dynamic Natural Frequency
Vidam VM



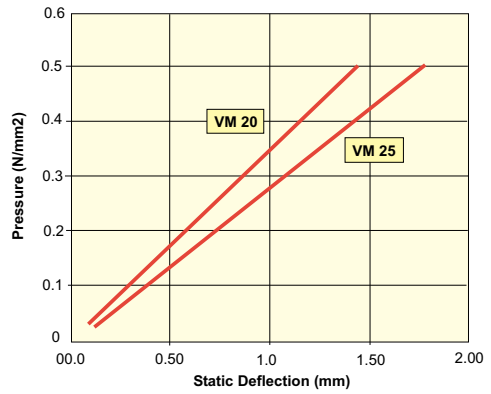
Pressure v Static Deflection
Vidam VM



Pressure v Dynamic Natural Frequency
Vidam VM



Pressure v Static Deflection
Vidam VM



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