

ramset™ anchoring solutions

uplift tension capacity for bluescope™ enduroframe™ 75 & 90 framing system bottom plate (0.75 bmt) to concrete slab on ground connection.

light duty – non load bearing wall fixing (internal)

pin specifications:

Material: Carbon Steel

Hardness: 52 – 55 HRc

Typical Tensile Strength:
1950 N/mm²

Typical Shear Strength:
1200 N/mm²

Nominal Head Diameter:
7.8 mm

Nominal Shank Diameter:
3.7 mm

Standard Finishes:
Mechanically Zinc plated to a minimum of 6 µm



Powder Actuated Pins with Washer – LWU32

table 1 – lwu32 pa pin installation and performance (working load limit)

Anchor Size db (mm)	Chemset™ Anchor Stud Product Code	Description	Pack Quantity	Drive Pin Length (mm)	Fixture Thickness (mm)	Washer Diam (mm)	Minimum Edge Distance (mm)	Minimum Embed (mm)	Working Load Limit (kN)	
									f'c = 25MPa	
									Tension	Shear
3.7	LWU32	Washer Drive Pin for concrete and steel	100	32	0.75	22	75	25	0.5	0.5

notes:

- Working Load Limits based on fixture thickness of bottom plate BMT 0.75mm
- Uplift tension and shear working load limits based on uncracked concrete
- Any visible failures must be replaced
- Concrete composition may vary and job site testing is recommended to determine actual values for substrate
- Where cracks are present or have been initiated by the pin installation - discard and replace with another pin
- Setting fixings at less than the nominated minimum edge distance can cause cracking/spalling of concrete – pin must be discarded
- It is required to have a minimum of 5 fastenings per element being fixed
- For further Technical information refer to the Ramset™ Fixing Technology Product Catalogue 2016

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