

VersiJack® F FR

Paver & Deck Support



Fire-Resistant
EN 13501-1 Class B



We make the difference.
The Elmich Difference.



VersiJack® F FR

VersiJack® F FR is a fire-resistant version of the widely used VJ-F. It is made from a proprietary blend of fire-resistant engineered plastics that do not burn and release toxic emissions or excessive smoke, which meets the SCDF* Fire Code for plastics used in building interiors.

VJ-F is a height-adjustable pedestal to raise pavers/tiles. It provides a cavity to conceal services, improves heat and sound insulation, and facilitates rapid surface drainage whilst allowing waterproofing and services to remain accessible. Compared to concrete stumps, VJ-F eliminates efflorescence and algae growth arising from contact with screed, effectively reducing paver/tile maintenance costs.

*Singapore Civil Defence Force



VJ-F consists of five pedestals and an Extender that achieves a height range of 37 mm to 1014 mm. It is complemented by a comprehensive list of accessories to accommodate installations of various requirements.

Technical Specifications

Material	Modified Reinforced Thermoplastic
Height range	37–1014 mm
Ultimate compressive strength¹	13–18 kN (max. height)
Slope correction	
- Top	up to 5%
- Bottom	up to 5% (up to 10% available for VJ-S2 and above)
Spacer tab post	
- Height	12/15/25 mm
- Thickness	2/3/4/5/6/8/10 mm (gap between pavers)
Bearer holder	35–80 mm (bearer width)
Base diameter	189 mm (VJ-F3 and below) 202 mm (VJ-F4 and above) 226 mm (VJ-S0 and above)
Biological/	Unaffected by moulds and algae.
Chemical resistance	Good resistance to alkali and bitumen.

¹varies with different height

Fire-Resistant Specifications

Category	Fire Risk	Test Standards	Acceptance Criteria	Test results
A	Toxicity emission	BS EN 45545-2	CIT <0.75	Passed
B	Smoke density	BS EN 13501-1	Smoke production: s1	Passed
C	Fire spread	BS EN 13501-1	Fire spread: B _{fl}	Passed



The Elmic security hologram ensures authenticity of the products.



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