

PRODUCT DATA SHEET

SikaRoof® VersiJack®

HEIGHT-ADJUSTABLE PEDESTAL SYSTEM FOR RAISED PAVERS AND DECKING FLOORING



DESCRIPTION

SikaRoof® VersiJack® is an adjustable pedestal designed to support and level pavers and decking in raised flooring applications. Pedestals are manufactured from recycled polypropylene (PP), while fire-rated pedestals are manufactured from modified reinforced thermoplastics, and it uses a stepjack or screwjack mechanism to provide precise millimetric adjustments from 13 mm to 281 mm, and has a locking ring to secure the pedestal height.

Creating a raised flooring generates usable space through hiding M&E services, and the void area also provides an insulation layer. Raised floorings also improves surface drainage, while providing waterproofing protection, waterproofing maintenance access and efflorescence elimination.

USES

Stepjack and screwjack pedestal system for podiums, balconies, roof terraces and areas with hardscape finishes.

CHARACTERISTICS / ADVANTAGES

- Conceal M&E services
- Promotes surface drainage
- Better thermal insulation
- Access to waterproofing membrane
- Eliminates efflorescence
- Recyclable components
- Resistant to biological attack by moulds and algae
- Chemically resistant to acids, alkalis, oils and soil chemicals
- Operates within a wide service temperature range

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 3254

PRODUCT INFORMATION

Packaging

SikaRoof® VersiJack®

CT1	CT1 FR	CT2	CT2 FR
CT3	CT3 FR	CF1	CF1 FR
CF2	CF2 FR	CF3	CF3 FR
CF4	CF4 FR	CF5	CF5 FR

Refer to pricelist

CT1, CT1 FR, CT2, CT2 FR, CT3, CT3 FR
Black circular stepjack pedestal.

CF1, CF1 FR, CF2, CF2 FR, CF3, CF3 FR, CF4, CF4 FR, CF5, CF5 FR
Black circular screwjack pedestal.



Shelf Life	No expiration date if the product is stored in accordance to the storage conditions as stated in this Product Data Sheet.			
Storage Conditions	Product must be stored in their original packing, and under cool and dry conditions. The product must be protected from direct sunlight, rain, snow and ice, and any other elements.			
Diameter	Base Diameter 205 mm			
Height	CT1 13 mm – 17 mm	CT1 FR 13 mm – 17 mm	CT2 17 mm – 26 mm	CT2 FR 17 mm – 26 mm
	CT3 26 mm – 45 mm	CT3 FR 26 mm – 45 mm	CF1 37 mm – 50 mm	CF1 FR 37 mm – 50 mm
	CF2 50 mm – 74 mm	CF2 FR 50 mm – 74 mm	CF3 74 mm – 117 mm	CF3 FR 74 mm – 117 mm
	CF4 117 mm – 201 mm	CF4 FR 117 mm – 201 mm	CF5 196 mm – 281 mm	CF5 FR 196 mm – 281 mm

TECHNICAL INFORMATION

Compressive Strength	CT1	CT1 FR	CT2	CT2 FR	(ASTM D695-15)
	13 kN	13 kN	13 kN	13 kN	
	CT3	CT3 FR	CF1	CF1 FR	
	13 kN	13 kN	19 kN	19 kN	
	CF2	CF2 FR	CF3	CF3 FR	
	19 kN	19 kN	19 kN	19 kN	
	CF4	CF4 FR	CF5	CF5 FR	
	19 kN	19 kN	19 kN	19 kN	
Reaction to Fire	SikaRoof® VersiJack® CT1 FR, CT2 FR, CT3 FR, CF1 FR, CF2 FR, CF3 FR, CF4 FR, CF5 FR				
	Toxicity Emission		CIT < 0.75	((BS EN 45545-2)	
	Smoke Density		s1	(BS EN 13501-1)	
	Fire Spread		Class B _{fl}	(BS EN 13501-1)	
Service Temperature	CT1	CT1 FR	CT2	CT2 FR	
	- 30 °C to 80 °C	-30 °C to 115 °C	- 30 °C to 80 °C	-30 °C to 115 °C	
	CT3	CT3 FR	CF1	CF1 FR	
	- 30 °C to 80 °C	-30 °C to 115 °C	- 30 °C to 80 °C	-30 °C to 115 °C	
	CF2	CF2 FR	CF3	CF3 FR	
	- 30 °C to 80 °C	-30 °C to 115 °C	- 30 °C to 80 °C	-30 °C to 115 °C	
	CF4	CF4 FR	CF5	CF5 FR	
	- 30 °C to 80 °C	-30 °C to 115 °C	- 30 °C to 80 °C	-30 °C to 115 °C	

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- SikaRoof® VersiJack® is not resistant to permanent weathering and UV exposure.
- When used in combination with Sarnafil® or Sika-Plan® membranes, a separation/protection layer is recommended.

For more information, please contact Sika Sales Personnel.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Clean and sound surface shall have at least a wood float finish. All holes, joints, and cracks and honeycombs in concrete or masonry surfaces shall be filled with an approved grout and allowed to cure. High spots in concrete or masonry surfaces shall be cut off or ground down to prevent damage/puncture to the pedestal base.

APPLICATION

SikaRoof® VersiJack® shall be loosely laid without any mechanical fixing either on top of the waterproofing membrane or on top of the concrete surface. For a bonded application, the pedestal may be adhered to the substrate with an approved adhesive. The first paver shall be installed to the correct elevation before using a levelling device to serve as a reference. Subsequent pavers shall be installed and checked to ensure consistent and correct elevation, till a sturdy and rigid raised flooring is obtained, free of rattling, squeaking or other noises.

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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4 / 4

