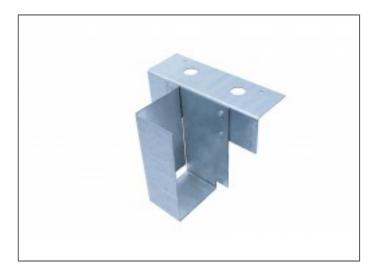
# Technical data sheet RHMSK - SKEWED MASONRY HANGER





The RHMSK is designed to support solid timber joists, l-joists or metal web joists from masonry walls. CE

UK-DoP-h14/0001

# **FEATURES**

Material

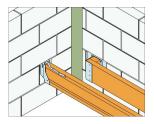
Pre-galvanised mild steel

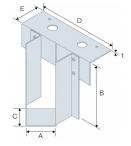
### **Benefits**

- Due to non-welded manufacture, lead times reduced
- Hanger design enables skew angles from 5°-90° left or right
- Full 90° skew option replaces the trimming detail around soil pipes

# **TECHNICAL DATA**

# **Product Dimensions**





References	Joist Size [mm]		Product Dimensions [mm]							Joist holes
Telefences	Width	Height	A	В	С	D	E	t	Skew	Ø4.1 [mm]
SPEC E RHMSK	61-150	100-400	61-150	100-400	75	240	75	2.5	5 - 85	4
RHMSK90RH	100	100-400	100	100-400	75	240	75	2.5	90	4
RHMSK90LH	100	100-400	100	100-400	75	240	75	2.5	90	4

### **Product Capacities – Timber to Masonry**

Vinchester Road Cardinal Point Tamworth Staffordshire B78 3HG el: +44 1827 255600 / fax: +44 1827 255616	RHMSK - Ske	page 1/3	
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	Product capacities - Timber to masonry							
	Number of Fasteners		Characteristic	Capacities [kN]	Safe working loads [kN]			
References	Joist		R <sub>1.k</sub>		R <sub>1,SWL</sub>			
	Qty	Туре	3.5N/mm <sup>2</sup> Solid AAC	7N/mm <sup>2</sup> Solid DAC	3.5N/mm <sup>2</sup> Solid AAC	7N/mm <sup>2</sup> Solid DAC		
SPEC E RHMSK	4	N3.75 x 30mm	13	14	6.5	7.5		
RHMSK90RH	4	N3.75 x 30mm	6	6	3	3		
RHMSK90LH	4	N3.75 x 30mm	6	6	3	3		

- Loads are based upon tests conducted by CERAM Building technology and are determined in accordance to EN845-1 2.
- The block thickness must be at least the same size as the top flange depth Skew angle to be specified in accordance to the illustration. 4.
- 6.

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## **INSTALLATION**

#### Installation

Build the masonry to the required level and leave to cure.

- Place hangers onto supporting block work, ensuring the hanger back flange is tight against the face of the block work.
- Continue with masonry above hanger ensuring a minimum of 675mm of masonry is above the hanger top flange and leave to cure.
- Mortar must be fully cured before any load is applied to the hanger.
- Install the joist into the hanger. The joist should be tight into the back of the hanger. A maximum gap of 6mm is permitted.
- Fix the joist to the hanger using all specified fasteners.
- If installing I-joists, web stiffeners are required. Web stiffeners should be installed in accordance with I-joist manufacturers recommendations.
- Where the 90° skewed variant is used to frame around soil vent pipes, a solid blocking piece is to be fitted between the joist and hanger back flange so the joist is positioned 50mm from the face of the masonry wall.
- The blocking piece must be fitted to the joist prior to installing into the hanger. The blocking piece must be the same depth as the joist, the width to suit the remaining gap, and be at least 100mm long.

Winchester Road Cardinal Point Tamworth Staffordshire B78 3HG
tel: +44 1827 255600 / fax: +44 1827 255616