

STONESHIELD FIRE SAFE **T** BLOCK

Fire & Acoustic T-Block Barrier System for Masonry AND Framed Constructions

The Stoneshield Fire Safe T Block is manufactured from A1 non-combustible Rockwool insulation and encapsulated in a protective sleeve. This robust fire barrier is designed to prevent fire penetration, reduce sound transmission, and maintain thermal integrity in external wall cavities at junction points.

- ✓ Tested to BS EN1366-4:2021.
- ✓ Fire resistance up to 2 hours.
- ✓ Available for cavity widths 25–300mm.
- ✓ Suitable for vertical and pitched roof applications.
- ✓ Meets requirements of Approved Document B.
- ✓ Meets requirements of Robust Detail Part E.
- ✓ Zero ODP and GWP.
- ✓ Protective sleeving.



Product Options & Installation

The Stoneshield Fire Safe T Block is designed to be compression fitted into the wall junction during construction, requiring no additional fixings. It is essential to ensure the correct size barrier has been selected for the cavity width, with a minimum of 10mm compression achieved upon completion. Any cavity insulation should be cut back to maintain correct compression between the inner and outer leaf. Joints must be tightly butted to maintain a continuous fire seal. An optional DPC can be added to any size requested.

Technical Data

Independently tested to BS EN 1366-4:2021, the Stoneshield Fire Safe T Block offers a fire rating of up to 120 minutes. Suitable for use with various boards on timber and steel framing systems. Timber-based boards must have a minimum density of 500kg/m³, while other carrier boards must have a minimum classification of A2 – s1 d0. Minimum permissible board thickness is 9mm. Manufactured from Fiberstone A1 non-combustible stone wool slab.



LANCASTER INSULATION

Storage

Store the Stoneshield Fire Safe T Block in a dry location out of direct sunlight.

Disclaimer

The information provided in this datasheet is for general guidance purposes only and does not constitute professional advice. It is the responsibility of the user to ensure proper installation, maintenance, and compliance with relevant guidelines.

T Block Matrix availability

Party Wall (mm)	External Wall (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Length (mm)	Fire safe T Block Product Code	Fire safe T Block DPC Product Code	DPC Width (mm)
40-50	91 - 100	65	65	110	250	1200	Fire Safe T Block /50/100	Fire Safe T Block /50/100 DPC	450
40-50	101-110	65	65	120	250	1200	Fire Safe T Block/50/110	Fire Safe T Block/50/110 DPC	450
40-50	111 - 120	65	65	130	250	1200	Fire Safe T Block/50/120	Fire Safe T Block/50/120 DPC	450
40-50	121 - 130	65	65	140	250	1200	Fire Safe T Block/50/130	Fire Safe T Block/50/130 DPC	450
40-50	131 - 140	65	65	150	250	1200	Fire Safe T Block/50/140	Fire Safe T Block/50/140 DPC	450
40-50	141-150	65	65	160	250	1200	Fire Safe T Block/50/150	Fire Safe T Block/50/150 DPC	450
66-75	91-100	85	100	110	250	1200	Fire Safe T Block/75/100	Fire Safe T Block/75/100 DPC	450
66-75	101 -110	85	100	120	250	1200	Fire Safe T Block/75/110	Fire Safe T Block/75/110 DPC	450
66-75	111 - 120	85	100	130	250	1200	Fire Safe T Block/75/120	Fire Safe T Block/75/120 DPC	450
66-75	121-130	85	100	140	250	1200	Fire Safe T Block/75/130	Fire Safe T Block/75/130 DPC	450
66-75	131 - 140	85	100	150	250	1200	Fire Safe T Block/75/140	Fire Safe T Block/75/140 DPC	450
66 -75	141 -150	85	100	160	250	1200	Fire Safe T Block/75/150	Fire Safe T Block/75/150 DPC	450
91-100	91 -100	110	100	110	250	1200	Fire Safe T Block/100/100	Fire Safe T Block/100/100 DPC	450
91-100	101 - 100	110	100	120	250	1200	Fire Safe T Block/100/110	Fire Safe T Block/100/110 DPC	450
91-100	111 - 120	110	100	130	250	1200	Fire Safe T Block/100/120	Fire Safe T Block/100/120 DPC	450
91-100	131 -140	110	100	140	250	1200	Fire Safe T Block/100/130	Fire Safe T Block/100/130 DPC	450
91-100	141 - 150	110	100	150	250	1200	Fire Safe T Block/100/140	Fire Safe T Block/100/140 DPC	450
91-100	141 -150	110	100	160	250	1200	Fire Safe T Block100/150	Fire Safe T Block100/150 DPC	450
120 -130	91 -100	140	100	110	250	1200	Fire Safe T Block/125/100	Fire Safe T Block/125/100 DPC	450
120 -130	101 - 110	140	100	120	250	1200	Fire Safe T Block125/110	Fire Safe T Block125/110 DPC	450
120 -130	111 -120	140	100	130	250	1200	Fire Safe T Block125/120	Fire Safe T Block125/120 DPC	450
120 -130	121 - 130	140	100	140	250	1200	Fire Safe T Block/125/130	Fire Safe T Block/125/130 DPC	450
120 -130	131 - 140	140	100	150	250	1200	Fire Safe T Block/125/140	Fire Safe T Block/125/140 DPC	450
120 -130	141 - 150	140	100	160	250	1200	Fire Safe T Block/125/150	Fire Safe T Block/125/150 DPC	450
141 -150	91 - 100	160	120	110	250	1200	Fire Safe T Block/150/100	Fire Safe T Block/150/100 DPC	450
141 -150	101 -110	160	120	120	250	1200	Fire Safe T Block/150/110	Fire Safe T Block/150/110 DPC	450
141 -150	111 - 120	160	120	130	250	1200	Fire Safe T Block/150/120	Fire Safe T Block/150/120 DPC	450
141 -150	121 -130	160	120	140	250	1200	Fire Safe T Block/150/130	Fire Safe T Block/150/130 DPC	450
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