

# Series 20TS - T-Section Party Wall

Date: 19/01/2021

Reference: 4

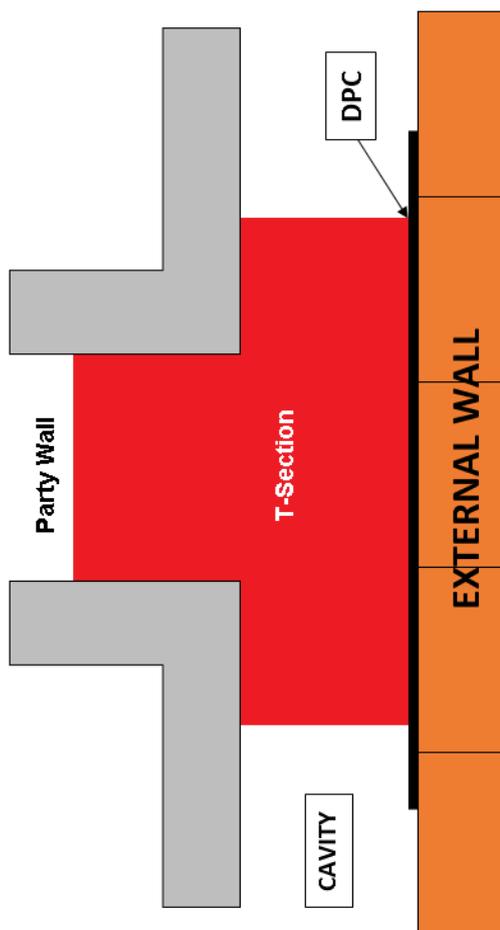
Issue: 1

GIS T-Section Party Wall DPC is designed for vertical application to suit both Masonry/Blockwork and Masonry/Timberframe construction applications. GIS T-Section Party Wall DPC is designed to prevent the spread of flames and smoke as well as reducing the spread of sound along the cavity at the party wall junction. GIS T-Section Party Wall DPC is designed to meet current fire and building regulations and are rigorously tested to current accreditation and provides up to 4 hours fire integrity.

GIS T-Section Party Wall DPC is 1200mm long and is manufactured from Knauf ECOSE Mineral Wool and is encapsulated in recycled plastics on a DPC backing.



## TECHNICAL DATA



### FIRE

GIS T-Section Party Wall DPC is manufactured using Knauf ECOSE Rock Slab which has a fire classification of EUROCCASS A1 tested to BSEN13501-1 which is encapsulated in recycled plastic which will not add to the propagation of a fire the DPC backing is made to BS6515:84. All GIS T-Section Party Wall DPC is tested in application to BSEN1366-4 as was BS476: Part 20 using current fire test methods.

### ACOUSTICS

GIS T-Section Party Wall DPC meets the generic requirements for the prevention of flanking noise transmission, along external walls and party wall cavities. Meeting approved document E of the building regulations.

### THERMAL

GIS T-Section Party Wall DPC have a thermal conductivity of 0.035W/mK and when fitted will provide an effective perimeter edge seal as stated in building regulations L1A and L2A as well as meeting section 6 of the Scottish building standards.

### COMPLIANCE

GIS T-Section Party Wall DPC when correctly fitted meet the requirements laid out in part E of robust detail.

For masonry in a separating wall/party wall, E-WM 1-21 is met.

For Timber Frame in a separating wall/party wall E-WT 1-4 is met and in a separating floor application E-FT 1-6 is met.

For concrete in separating floor applications E-FC 1-14 is met.

Contact:  
sales@gisuk.co  
Tel: 01827 219327

Address:  
William Nadin Way, Swadlincote,  
Derbyshire, DE11 0BB

# Series 20TS - T-Section Party Wall

Date: 19/01/2021

Reference: 4

Issue: 1

## ENVIRONMENT

Guardian Insulation Solutions Environmental policy is designed to reduce waste and reduce our carbon footprint. All products used are chosen for helping us, as a company, to achieve this goal. The KNAUF INSULATIONS ECOSE mineral wool slab meets these requirements. The ECOSE technology used is the first organic binder in the UK for mineral wool. The ECOSE slabs are free from CFCs, HCFCs and contain no other material elements which have ozone depletion potential. Thus they exceed the requirements of BREEAM entering a classification of ZERO ODP as well as ZERO GWP. Where low environmental impact is a key design consideration these products help achieve this goal.



## INSTALLATION

GIS 1200mm long T-Section Party Wall DPC can be used in both brick/block and brick/timber frame party wall applications.

When installing GIS T-Section Party Wall DPC they are designed to be compression fitted at the party wall junction vertically during construction. When fitting extra care must be taken to ensure all butt joints are tightly fitted this is to maintain the fire and acoustic integrity of the product. A minimum of 50mm overlap with the party wall leaf on either side of the party wall cavity must be maintained to meet current fire and acoustic requirements.

It is critical that the GIS T-Section Party Wall DPC fills the cavity from the rear of the outer leaf to the face of the inner leaf, any cavity insulation must be cut back at either side of the party wall in the outer cavity to allow this fitting method.

When fitting vertically the 100mm end lap must be fitted at the bottom, then as the build progresses the lap forms a continual barrier preventing the ingress of moisture.

## HANDLING

GIS T-Section Party Wall DPC are packaged in outer polythene bags for transport and ease of handling. The product must not be stored in direct sunlight as this may cause the plastic to degrade. It is recommended that the goods are covered or stored indoors if standing for a period of time prior to use. Local delamination from the DPC may occur during handling this does not affect the performance of the product when fitted as it is under compression. Internal and external corners are two piece sets, price on application see drawings A & B.

Contact:  
sales@gisuk.co  
Tel: 01827 219327

Address:  
William Nadin Way, Swadlincote,  
Derbyshire, DE11 0BB