

Drywall Pro-Cut Ltd

Office Drywall Supplies: Drywall Components Now Made Off Site by the Expert Drywall Distributor.

Head Office: Villiers Court, Meriden Business Park, 7 Copse Dr, Millisons Wood, Coventry, CV5 9RN.

Tel: 07740 358 514

Email: enquiries@drywallpro-cut.co.uk

Website: <https://www.drywallpro-cut.co.uk>

PRODUCT PROFILE

Deflection head designed to provide resilient fixing to connect the top of Siniat partitions to the underside of a structural slab or soffit. Product allows for building deflection and movement to accommodate and minimise stress development in partitions that could result in yielding of studs, visible cracking or failure of serviceability limit states. Fabricated in an offsite environment to maximise safety and ensure high levels of quality and compliance with associated regulatory requirements and manufacturer warranties. Complies with all thermal and acoustic requirements as a critical component of the extensive range of Siniat partitioning systems whilst providing high levels of protection against fire for periods of up to 120 minutes in standard applications.

MATERIAL SPECIFICATION, DIMENSIONS AND SIZES

Material Properties and Available Dimensions for Metal and Plasterboard Components

*Thermal and fire material testing carried out by Siniat in accordance with EN 520:2004+A1:2009.

*Material properties were tested as based on individual metal and gypsum components, not for the entire deflection head.

*For fire rating of partitions where deflection head will be used see full Siniat specifications for selected partitioning systems.

Metal Track Selections	Length	Width	Flange Depth	Gauge Thickness	Metal Unit Weight
Siniat UDT52/B	3000mm	52mm	50mm	0.6mm	0.82kg/m
Siniat UDT62/B	3000mm	62mm	50mm	0.6mm	0.93kg/m
Siniat UDT72/B	3000mm	72mm	50mm	0.6mm	0.87kg/m
Siniat UDT92/B	3000mm	92mm	50mm	0.6mm	1.04kg/m
Siniat UDT148/B	3000mm	148mm	50mm	0.6mm	1.34kg/m
Siniat UXT72/B	3000mm	72mm	70mm	0.7mm	1.15kg/m
Siniat UXT92/W	3000mm	92mm	70mm	0.9mm	1.61kg/m
Siniat UXT148/W	3000mm	148mm	70mm	0.9mm	2.01kg/m
Plasterboard Selections	Reaction to Fire	Thermal Conductivity	Minimum Weight	No of Layers	
Siniat 12.5mm Fire Board	A2-s1, d0	0.25W/mK	10.21kg/m ²	2, 3 or 4	
Siniat 15mm Fire Board	A2-s1, d0	0.25W/mK	12.31kg/m ²	2 or 3	
Siniat 19mm Fire Core Board	A2-s1, d0	0.25W/mK	16.39kg/m ²	2	

ADDITIONAL PRODUCT DETAILS

- Wide selection of deflection heads available to accommodate standard deflections in the range of 11-45mm.
- Metal sections all meet BS EN14195:2005 requirements for metal framing components for gypsum board systems.
- Standard installation in accordance with Siniat recommendations can provide 30-120 minutes fire protection as necessitated in Building Regulations Approved Document B and supporting documentation (e.g. HTM05/BB100).
- Fire classification of all Siniat partitioning systems conducted according to EN 13501-2.
- Fire testing of full partitioning systems containing this product or equivalent conducted according to BS EN1364-1:1999.
- Siniat components are BRE Green Guide A/A+ rated and help collect sustainability code credits.
- Gypframe metal channels are 100% recyclable provided they are properly separated from other construction components.
- Gypsum based components can be fully recycled provided they are not contaminated by non-gypsum materials.
- Component complies with Etex Siniat GTEC warranty verifying that approved partitioning systems will perform as specified for 10 years from the date of purchase of the relevant board or component when installed correctly.

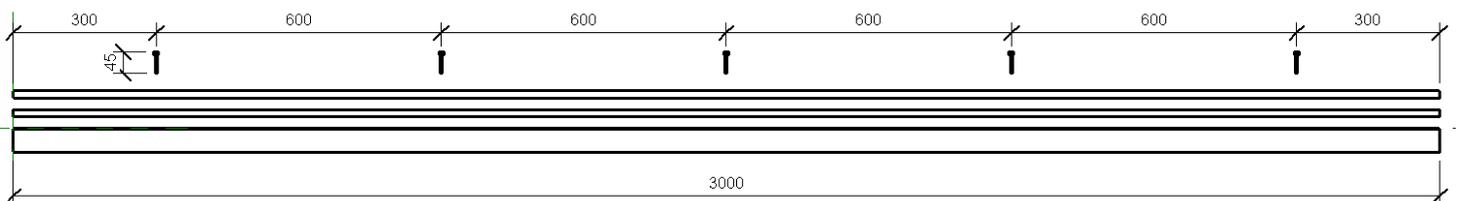
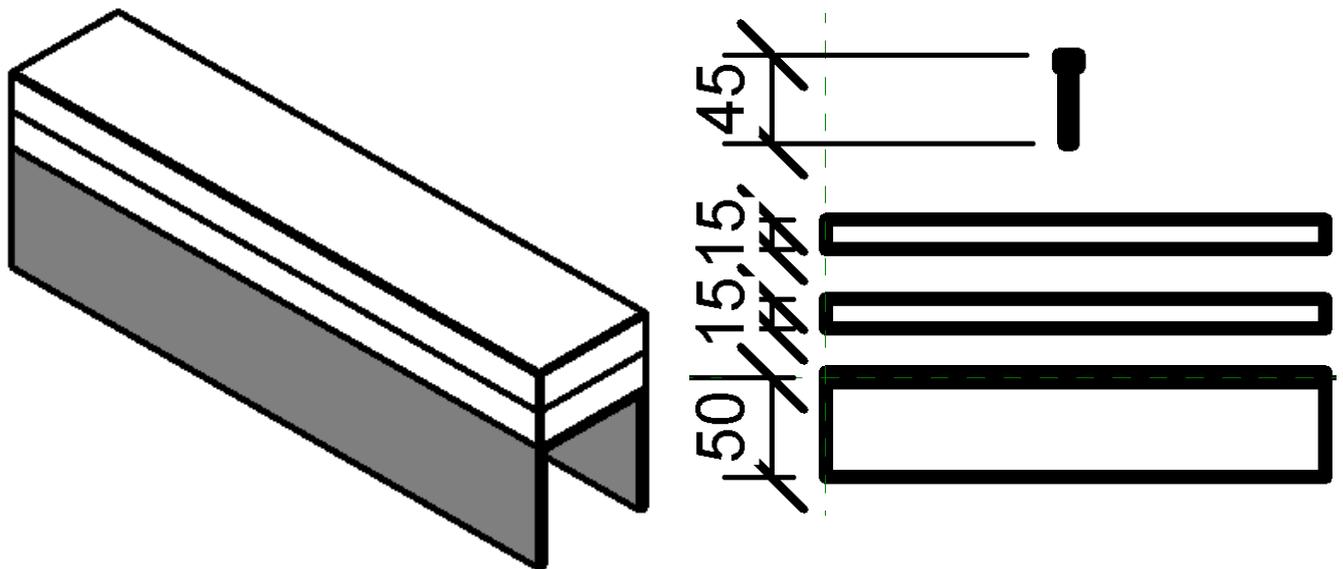
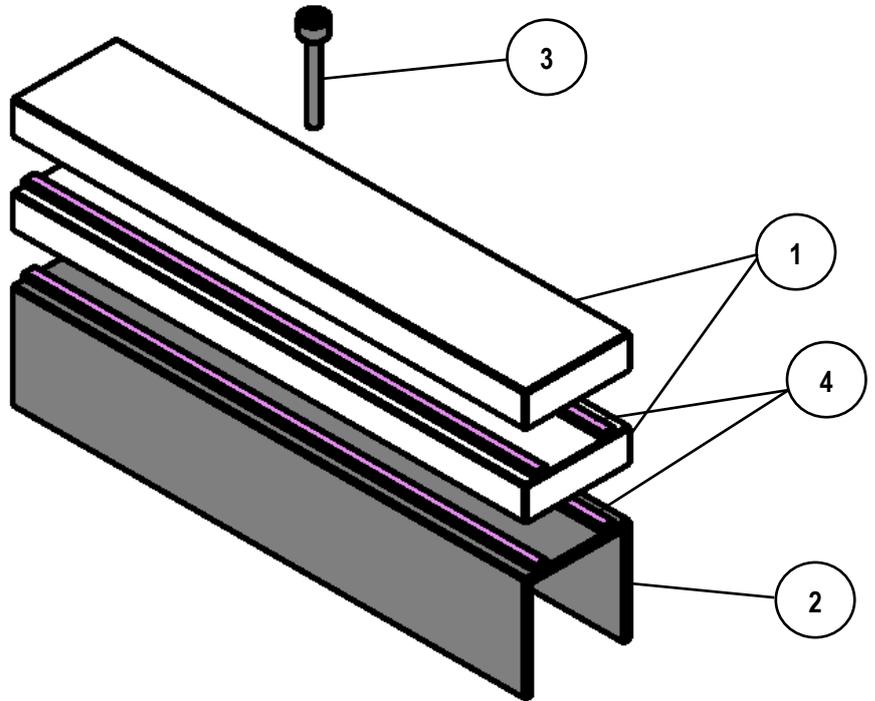
INSTALLATION, QUALITY AND ADDITIONAL INFORMATION

- All materials and fixings are installed off site in a quality-controlled environment and delivered safely to site.
- See project-specific Siniat detailing for specified partitioning systems for guidelines on site installation.
- Additional fire protection in the form of Gyproc Intumescent Acoustic Sealant is applied between boards/metal as required.

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Drywall Pro-Cut Deflection Head: 15mm Allowance Standard Siniat Compliant Detail

1. Plasterboard fillets as specified.
 2. Metal head track as specified.
 3. Siniat compliant fixings to required penetration.
 4. GTEC Intumescent Acoustic Sealant applied between board layers/between boards and metal track as required.
- **See Website:**
<https://www.drywallpro-cut.co.uk> for available options.



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