siniat

product
data sheet

curveshield can be used in residential and commercial applications.

curveshield

curveshield is standard plasterboard made from a core of gypsum sandwiched between two layers of heavy duty recycled paper. The face paper is coloured ivory ready for paint or wall paper finish.

application

curveshield is designed for creating tightly curved walls and ceilings. It is an internal wall and ceiling lining suitable for residential and commercial applications.

curveshield is installed in two layers over a timber or steel frame and can also be installed over curved masonry walls.

installation

curveshield is usually installed using 'Fastener Only Method'. Fix on each stud. Stagger recessed edges and butt joints by 300mm between layers and on opposite sides of the wall.

key benefits

- **design solution for concave and convex surfaces**
- **economical light weight construction**
- **easy to install**

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product information

	thickness (mm)	width (mm)	length (mm)	weight* (kg/m²)
sheet size	6.5	1200	3600	4.5
fire hazard properties	Group 1 with an Average Specific Extinction Area <250 m²/kg determined in accordance with AS 5637.1 as required by NCC C1.10, Clause 4.			
combustibility	May be used wherever a non-combustible material is required according to the Building Code of Australia (BCA) C1.9 (e)			
volatile organic compounds	Less than 0.5 mg/m³ TVOC			
hazards identification	Non-hazardous according to WHS Regulations and the ADG Code			

* Weights indicated are nominal.

general requirements

— Use **curve**shield for applications where the radius is less than 900mm.

— Fix ceiling framing at 300mm maximum centres for installation of **curve**shield.

— Ensure that the radius on the convex side is not too tight for the corresponding concave side.

— Stagger recessed edges and butt joints by 200mm minimum between layers.

— Curve plasterboard along the short edge (widthways for tighter radii and easier jointing).

Recommendations

— Use Siniat flexible track for framing curved walls or ceilings.

— Avoid joints parallel to studs in the curved section.

— Only the face layer needs to be jointed.

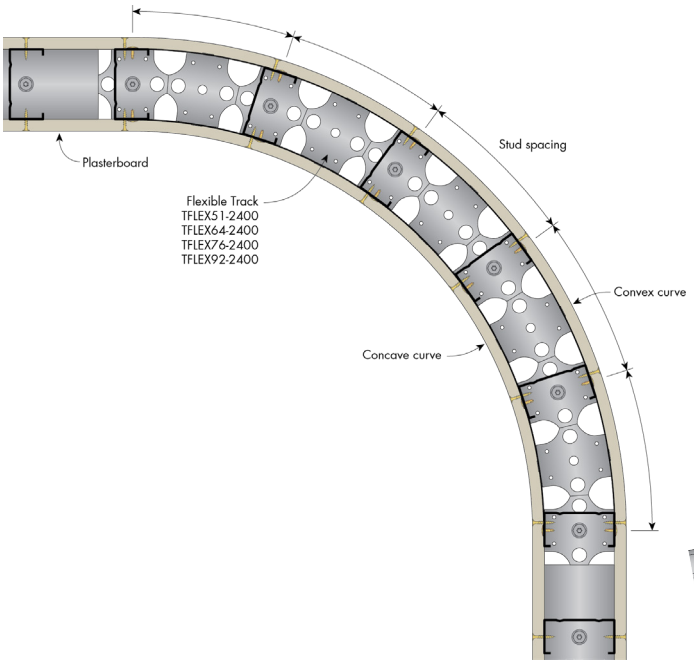
— The minimum curve radius is determined by the concave side.

— Use a minimum of two layers of **curve**shield

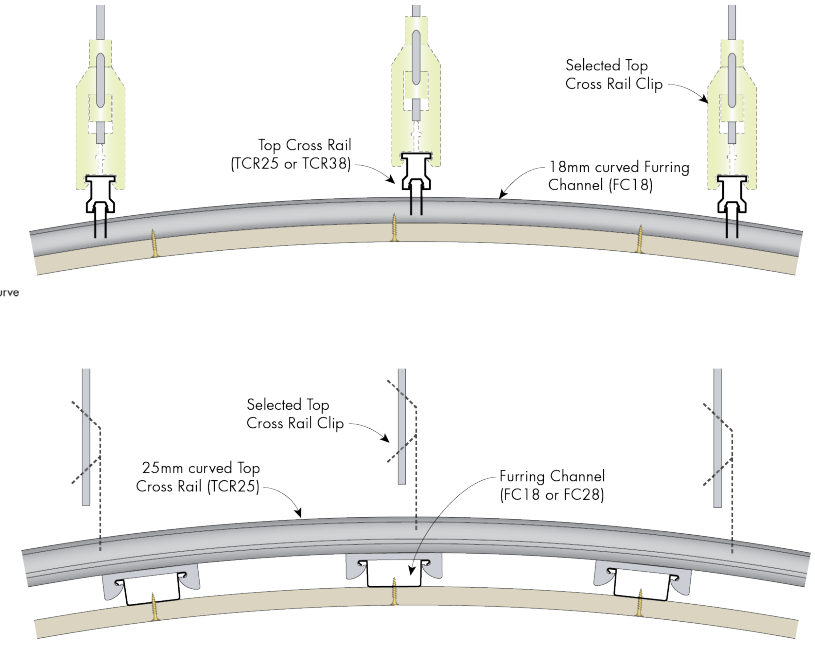
maximum frame spacing and minimum curve radius

	curve radius (mm)									
	250-450	450-650	650-900	900-1000	1000-1500	1500-2000	2000-2500	2500-3000	3000-4000	>4000
	maximum framing centres (mm)									
concave curveshield curved along length	-	-	200	200	200	250	300	350	450	550
convex curveshield curved along length	-	200	200	200	200	250	300	350	450	550
concave curveshield curved along width	-	150	150	150	200	250	300	350	450	550
conve x curveshield curved along width	125	150	150	150	200	250	300	350	450	550

curved wall details



suspended curved ceiling



All Siniat products have been developed to meet the specific needs of the Australian market. Products manufactured in Australia comply with quality systems certified as complying with AS/NZS ISO 9001:2008 and meet the requirements of AS/NZS 2588, Gypsum Plasterboard.

Certified System
Quality
ISO 9001
SAI GLOBAL

The following Siniat products have been independently certified by Global GreenTag to GreenRate Level A: **masta**shield, **fire**shield, **fire**shield h, **sound**shield, **water**shield, **span**shield, **multi**shield, **curve**shield, **opal**, **tru**rock and **tru**rock hd. Compliance certificates are available on siniat.com.au.

GREEN TAG CERTIFIED
GreenRate Level A
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All Siniat plasterboard and metal products are available on the Siniat Carbon Neutral Opt-In program to help you meet your sustainability goals. Visit siniat.com.au to find out more.

Climate Active
Carbon Neutral
PRODUCT

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Etex Australia Pty Ltd

ABN 61 003 621 010
31 Military Road, Matraville
NSW 2036

siniat.com.au

10 year warranty

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