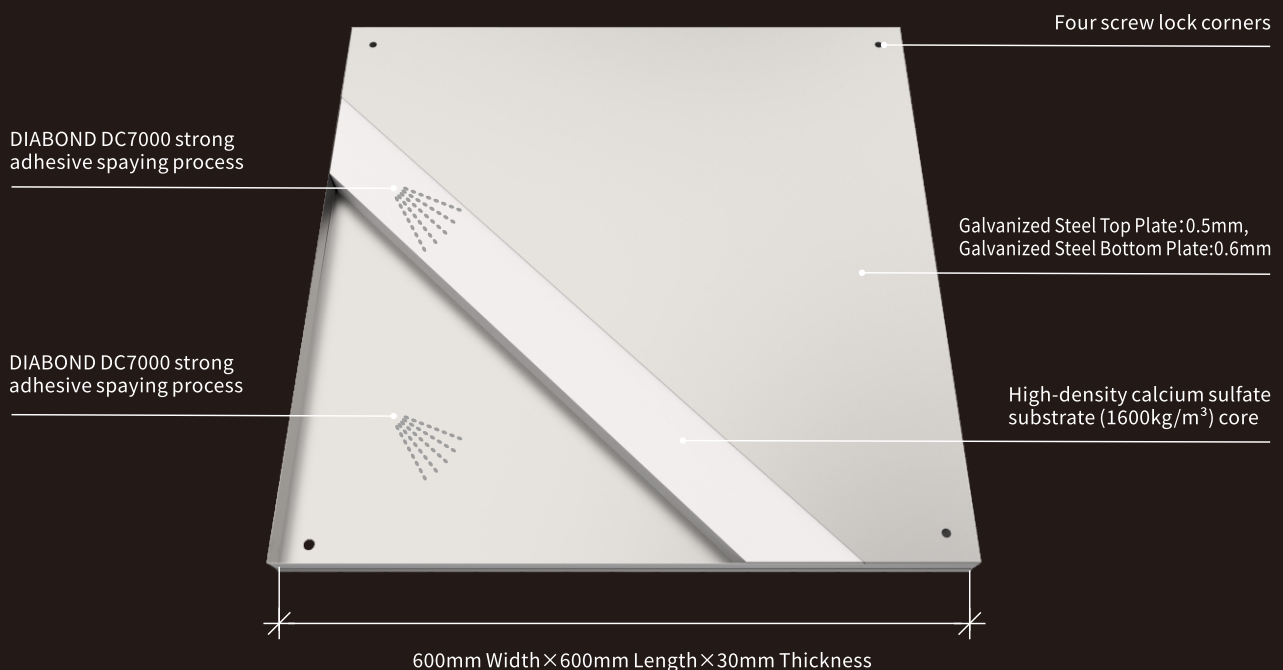
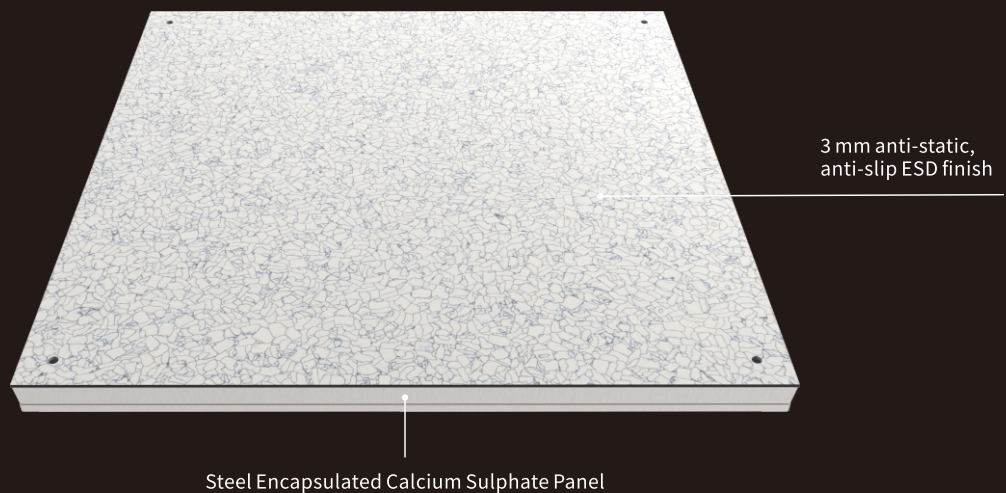


CUSTOMIZED RAISED ACCESS FLOOR SYSTEM SOLUTIONS

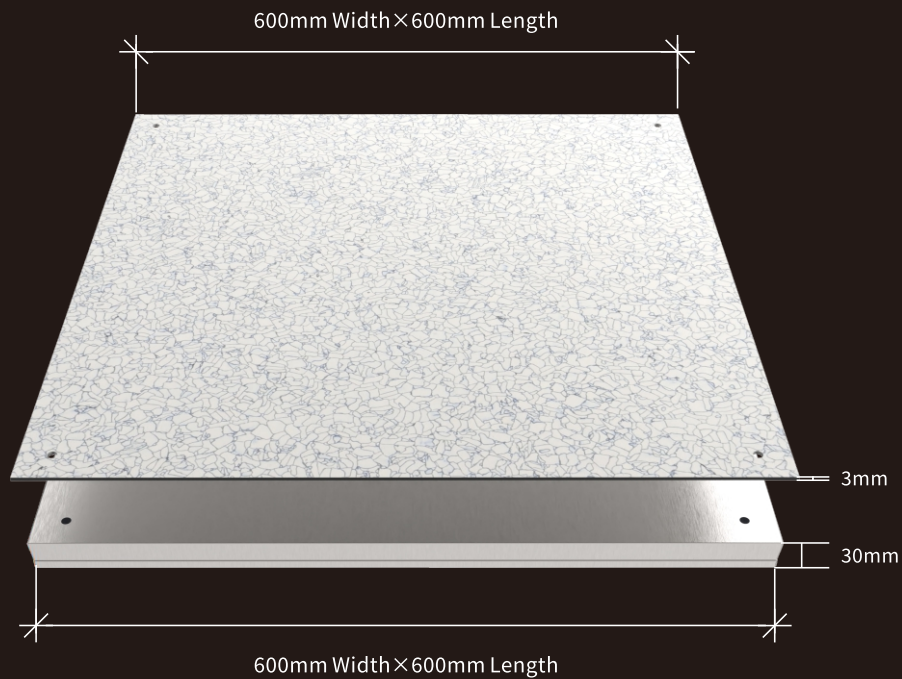


Steel encapsulated calcium sulphate raised floor panel introduction

★ Galvanized Steel Top Plate thickness	mm	0.5
★ Galvanized Steel Bottom Plate thickness	mm	0.6
★ Core		High-density calcium sulfate substrate (1600kg/m ³)
★ Glue		DIABOND DC7000 strong adhesive (JAPAN)
★ Weight per panel	kg	20.0kg/Piece

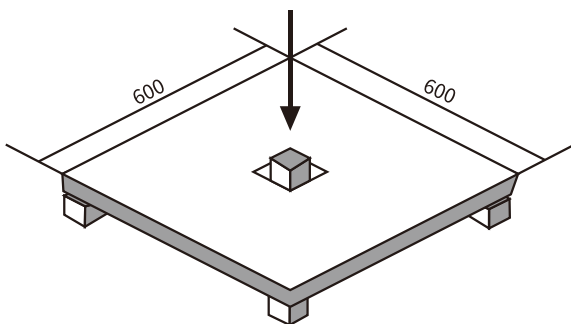


Customized panel specification



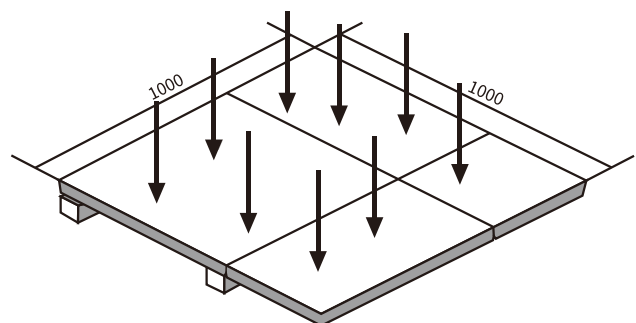
4.5 kN concentrated load/maximum deflection of 1 mm

Concentrate load (Design load)



20 kN/m² Uniformly Distributed Load

Uniform load (Distributed load)



2-hour fire performance rating

Report 1

Observations during the test

00:00 Start to ignite;
01:00 Smoke release from the floor;
05:00 Panel gaps became black;
31:00 Record point 1 max deflection is 1mm and point 2 max deflection is 1.2mm.

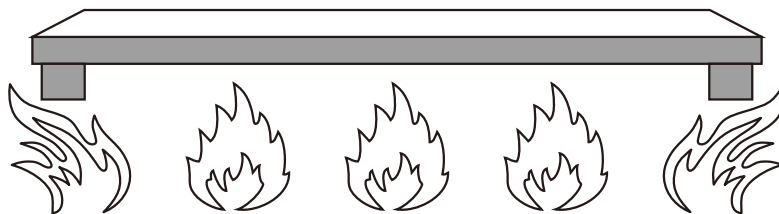
Test Method

MOB PF2 PS/SPU-1992 Platform floors (raised access floors) clause T20.00,
small scale fire test.

Report 2

In accordance with the EN 13501:2018 standard for the fire classification of construction products and building elements, this flooring has passed the Bfl-s1 fire test. This rating indicates a low rate of flame spread and limited smoke production, as well as the absence of flaming droplets during combustion, thereby meeting the mandatory EU fire safety requirements for flooring materials in public spaces.

Fire resistance



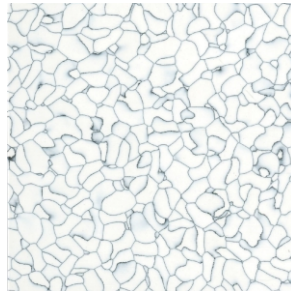
3 mm anti-static, anti-slip ESD finish

Gravel pattern

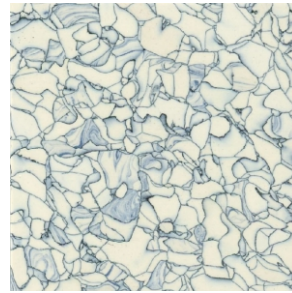
Static conductive floor tiles and static dissipative floor tiles

Size/Specification

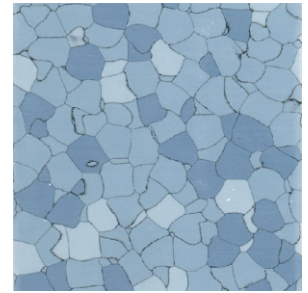
600×600×2.0mm
600×600×2.5mm
600×600×3.0mm



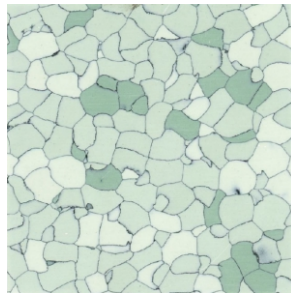
ESD-601



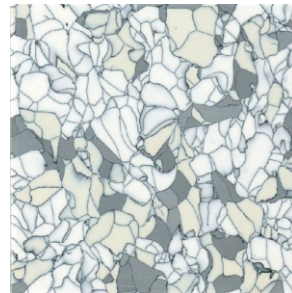
ESD-617



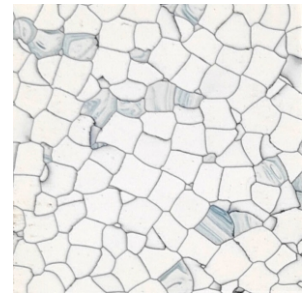
ESD-8638



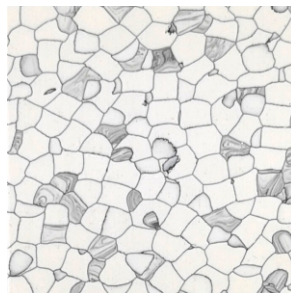
ESD-8639



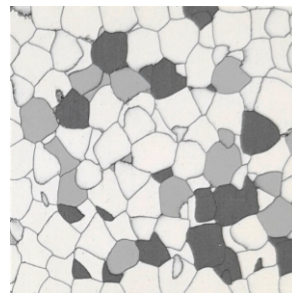
ESD-603



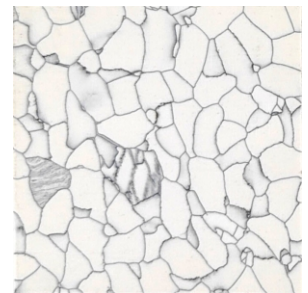
ESD-2021



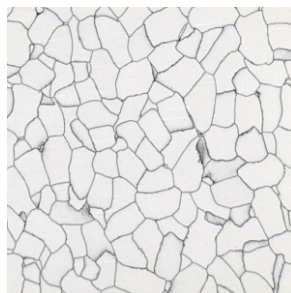
ESD-2022



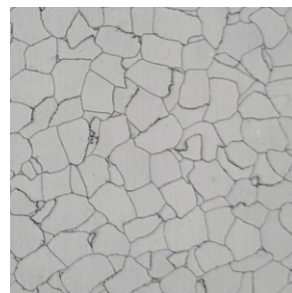
ESD-2003



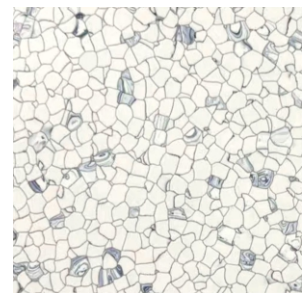
ESD-2004



ESD-2005



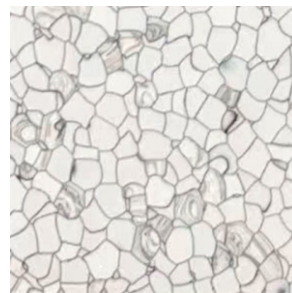
ESD-2006



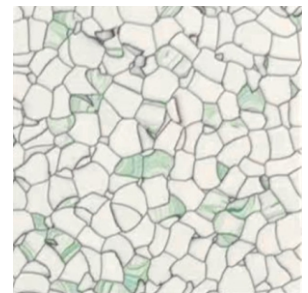
ESD-2808



ESD-2803



ESD-2801



ESD-2809

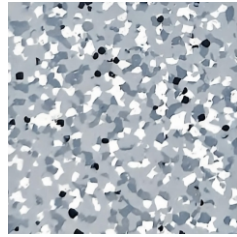
Note: The production cycle for veneers is 15 days, and there may be slight deviations between the printed color and the actual sample color. The final product shall be based on the actual sample color.

Colored debris

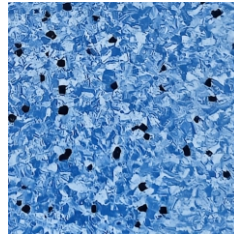
PVC conductive (dissipative)
roll material

Size/Specification

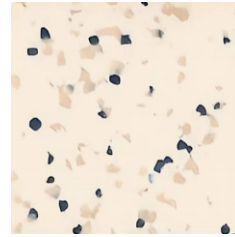
2.0/3.0mm×2.0m×20m/15m
2.0/3.0mm×600mm×600mm
2.0/3.0mm×900mm×900mm



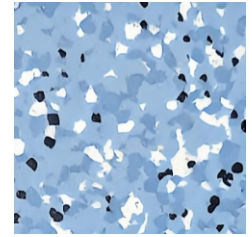
ESD-1500



ESD-1501



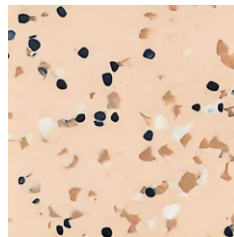
ESD-1502



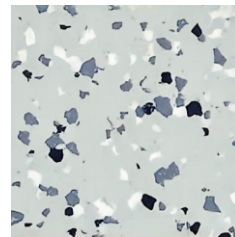
ESD-1522



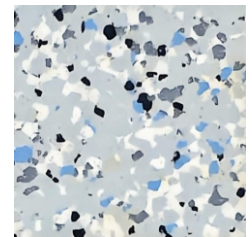
ESD-1505



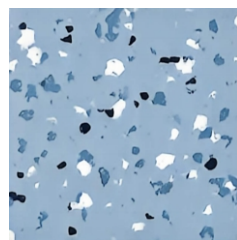
ESD-1506



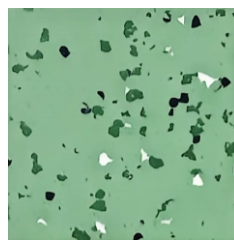
ESD-1507



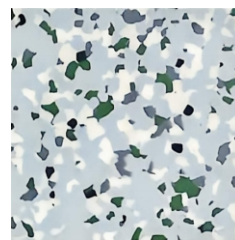
ESD-1508



ESD-1509



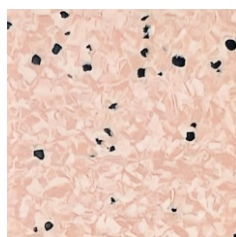
ESD-1510



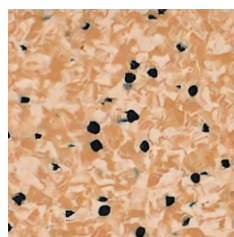
ESD-1511



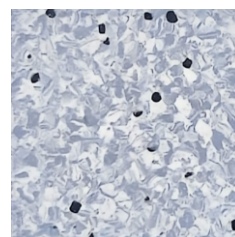
ESD-1512



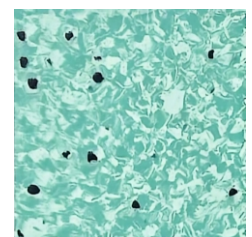
ESD-1513



ESD-1515



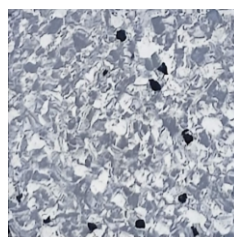
ESD-1516



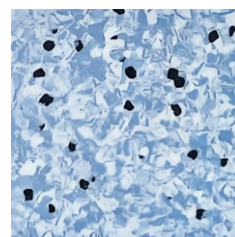
ESD-1517



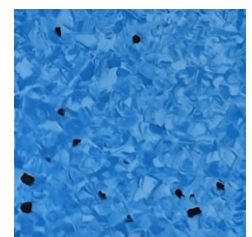
ESD-1518



ESD-1519



ESD-1520



ESD-1521

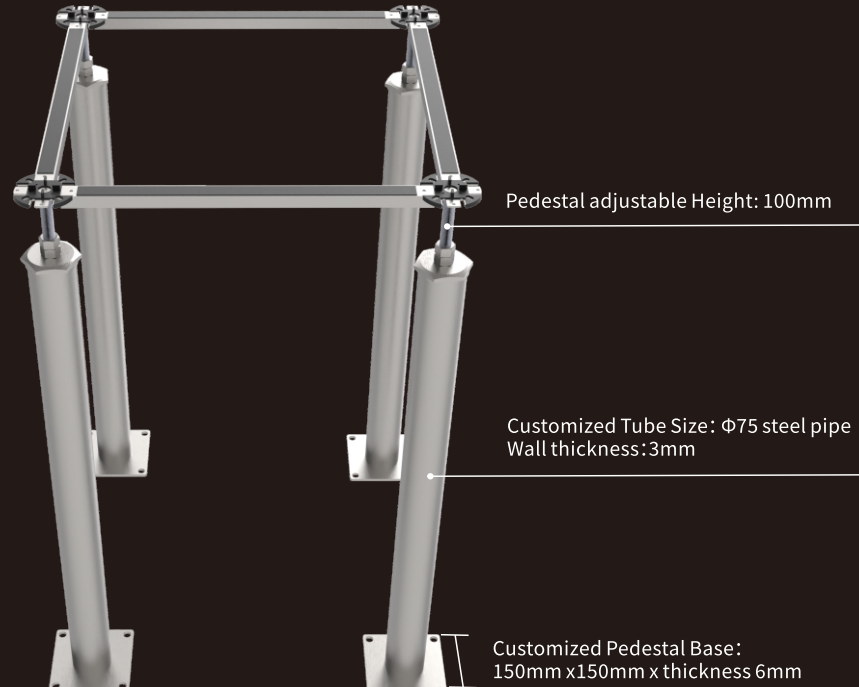
Note: The production cycle for veneers is 15 days, and there may be slight deviations between the printed color and the actual sample color. The final product shall be based on the actual sample color.

Introduction to Static Conductive PVC raised access floor

Composed of polyvinyl chloride resin, plasticizers, stabilizers, coupling agents, and conductive materials, it utilizes the conductive network formed between plastic particle interfaces to conduct electricity and has permanent anti-static function.

	Project	Standard basis	Quality indicator	
	Size	SJ/T11236-2020 ISO 24342(EN427)	600×600mm 610×610mm	
	Thickness	SJ/T11236-2020 ISO 24346(EN428)	2.0、2.5、3.0mm	
	Resistance	SJ/T11236-2020 EN 1081	Static conductive EC 1.0×10^4 - 1.0×10^6	Static dissipative SD 1.0×10^6 - 1.0×10^9
	Human walking voltage	IEC 61340-4-5	<100V	
		ANSI ESD STM97.2	<100V	
		EN1815	<2KV	
	Static voltage decay period	WJ 2146-2016	≤2秒(Sec)	
	Wear resistance(1000r)	SJ/T11236-2020	≤0.02g/cm ²	
		EN660-2	P	
	Fire resistance	SJ/T11236-2020G B8624-2012 ASTM E648-17 EN13501-1	V-0 B ₁ (B-S1,t0) Class I B _{ft} -S1	
	Dimensional stability	ASTM F2199:09(2014) ISO 23999	≤0.25%	
	Moisture resistance and skid resistance	DIN 51130	R9	
	Residual concavity mm	GB/T4085-2015 EN ISO 24343-1	0.15<1R≤0.40mm ≤0.10mm	
	Colorfastness	ISO 105-B02	≥6	
	Chemical resistance	EN ISO 26987	OK	
	Testing for harmful chemicals	GB 18586-2001 EN 71-3	OK	
	TVOC emissions after 28 days	ISO 16000-6	A+	

Customized pedestal



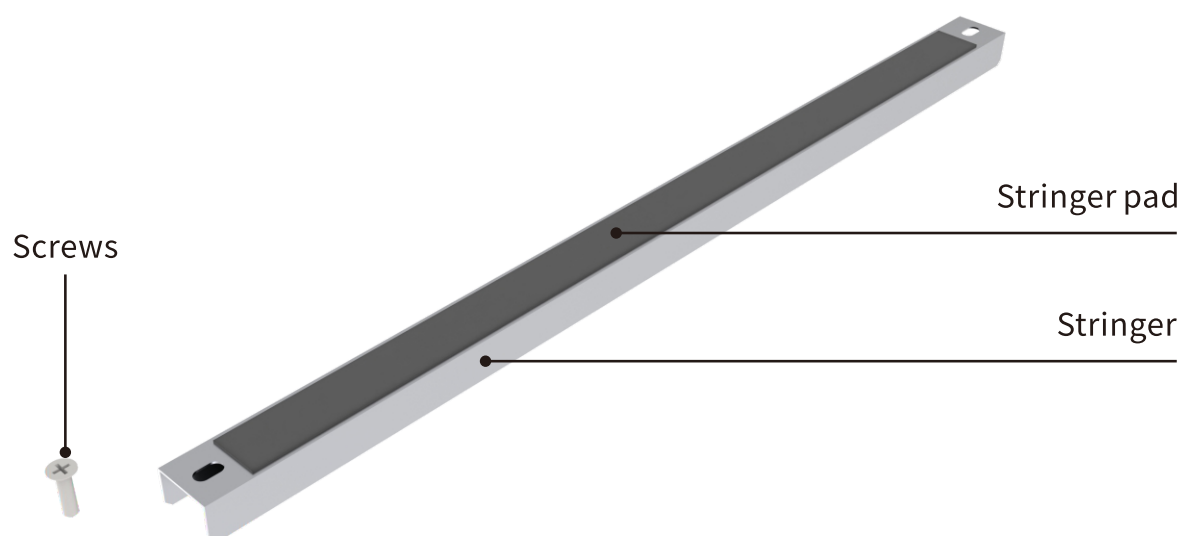
Customized pedestal specification

- 75 mm diameter steel pipe stem
- 3 mm wall thickness
- 150 mm $\times$ 150 mm $\times$ 6 mm thick base plate
- screwable cap for the $\Phi 75$ mm tube
- Galvanized Zinc coated 8um
- Suitable for raised floor heights up to 1000 mm
- Compatible with 600 mm $\times$ 600 mm Steel Encapsulated Calcium Sulphate Raised Floor Panel
- Compatible with Stringer system required
- Customized Pedestal Weight: 7.5kg/Piece

Pedestal load performance

Pedestal Vertical Load Capacity: 46 kN minimum without collapse

Heavy duty stringer



21 mm × 32 mm × 540 mm, thickness 1.5 mm

Vertical Load Capacity: 20 kN minimum without collapse

Stringer Weight: 0.75kg/piece

