



# CEILING SUSPENSION SYSTEM

**FEEL THE  
FORCE**  
of New Ocelot  
PowerGrid

**NEW** and available exclusively through SIG Interiors

# OCELOT POWERGRID CEILING SUSPENSION SYSTEM

New and exclusive to SIG and the UK, Ocelot PowerGrid is a 24mm high quality, innovative suspended grid system which is suitable for all projects and compatible with a wide range of lay in tiles. Additionally it has a superior coating ensuring a superb finish.

- **Fast, accurate and efficient installation**

No need for tools to fix the product in place due to the stab bayonet connection.

- **Robust design**

A lighter alternative to other available brands, making it easier to transport.

- **Simple Installation**

Quick and easy installation is part of the system design. Suspension points are pre-punched into all tees and main tees simply push together using a special integrated splice junction detail.

- **Compatibility**

Ocelot PowerGrid can be used with most standard, proprietary, square edge or tegular ceiling tiles that are designed to be used with a 24mm exposed grid ceiling system.

- **CE marked and offering a 15 year product guarantee**

Along with a suite of fire test certification, Ocelot PowerGrid offers the complete ceiling package that will give you the peace of mind and product confidence. Ocelot PowerGrid is guaranteed to be free from material defects for a period of fifteen years from the date of supply subject to specific conditions. Please see separate guarantee document for details.

- **Technical Support and Distribution Excellence**

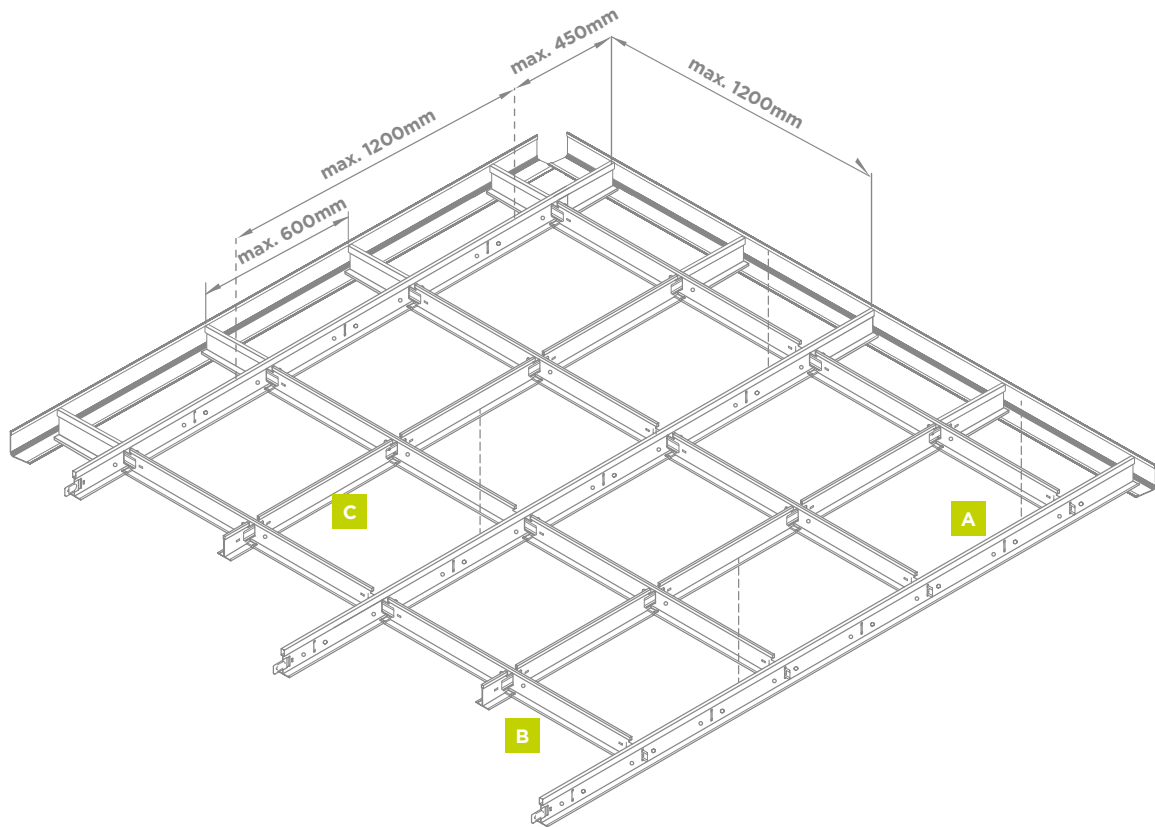
Available exclusively from SIG Interiors, the UK's leading specialist interiors supplier of suspended ceiling systems and ancillary components.

Experienced staff throughout the SIG network are fully trained and ready to offer expert and unbiased advice on the Ocelot PowerGrid plus all other leading ranges of ceilings and grid systems.



#### Ceiling-Substructure-Component according to EN 13964

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	A1	EN 13964:2004+A1:2006 EN 13501-1:2007 +A1:2009
Durability	Class B	EN 13964:2004+A1:2006
Loadbearing capacity	See specifications	EN 13964:2004+A1:2006

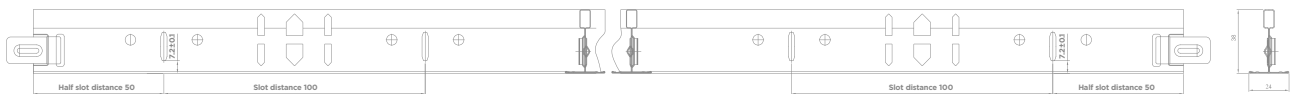


### Ocelot PowerGrid - 24mm Exposed Grid

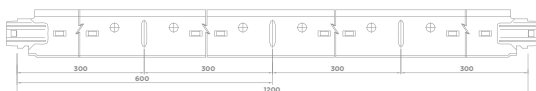
Description	Item Reference	Dimensions (mm)	Pack Quantity	1m <sup>2</sup>		100m <sup>2</sup>		Weight per carton (kg)
				600 x 600	1200 x 600	600 x 600	1200 x 600	
A Main Runner	OCE2445G-3700	3700 x 24 x 38	25	0.83 lin mtrs	0.83 lin mtrs	1 carton	1 carton	27.50
B 1200 Cross Tee	OCE2447GS-1200	1200 x 24 x 32	50	1.66 lin mtrs	1.66 lin mtrs	3 cartons	3 cartons	18.20
C 600 Cross Tee	OCE2446GS-600	600 x 24 x 32	75	0.83 lin mtrs	None	2 cartons	None	14.00

# OCELOT POWERGRID 24MM

#### OCE2445G-3700 - Main Runner



#### OCE2447GS-1200 - Cross Tee



#### OCE2446GS-600 - Cross Tee



# SPECIFICATIONS

## Suspension System

OCE24 - Ocelot 24mm wide white, exposed grid suspension system.

## Main Tee

OCE2445G-3700 installed at 1200mm centres and suspended along the length at 1200mm centres generally and no more than 450mm from any perimeter.

## Cross Tee

To form a 1200 x 600mm module click 1200mm cross tees OCE2447GS-1200 into adjacent main tees at 600mm centres.

To form a 600 x 600mm module click 600mm cross tees OCE2446GS-600 into adjacent 1200mm cross tees. Ensure tees are installed square and level.

## Hangers

2mm pre-stressed galvanised wire (SW2) fixed through top hanger and pre-punched hanger holes in tees. Once passed through hanger/tee the wire should be wrapped around itself three times.

Alternatively a 25mm x 25mm galvanised angle (A5) may be used with suitable mechanical fixing to tee and top fixing. Additional suspension may be required for ancillary items (e.g. lighting). Top fixings should suit substrate and method of suspension.

## Perimeter Trim

19 x 32mm white Ocelot perimeter trim should be fixed at 300mm centres generally and no more than 50mm from any junction. Fixings should suit substrate. When using a tegular tile allow for square re-rebating edge of tiles at junction of perimeter trim.

**Module Size(s):** 600 x 600/1200 x 600mm

**Finish/Colour:** White (similar to RAL9003)

## Notes

Unless otherwise allowed the ceiling should be set out to give equal cut tiles of a dimension as near to a full module as possible and installed in accordance with the manufacturer's recommendations and those contained within BS EN 13964.

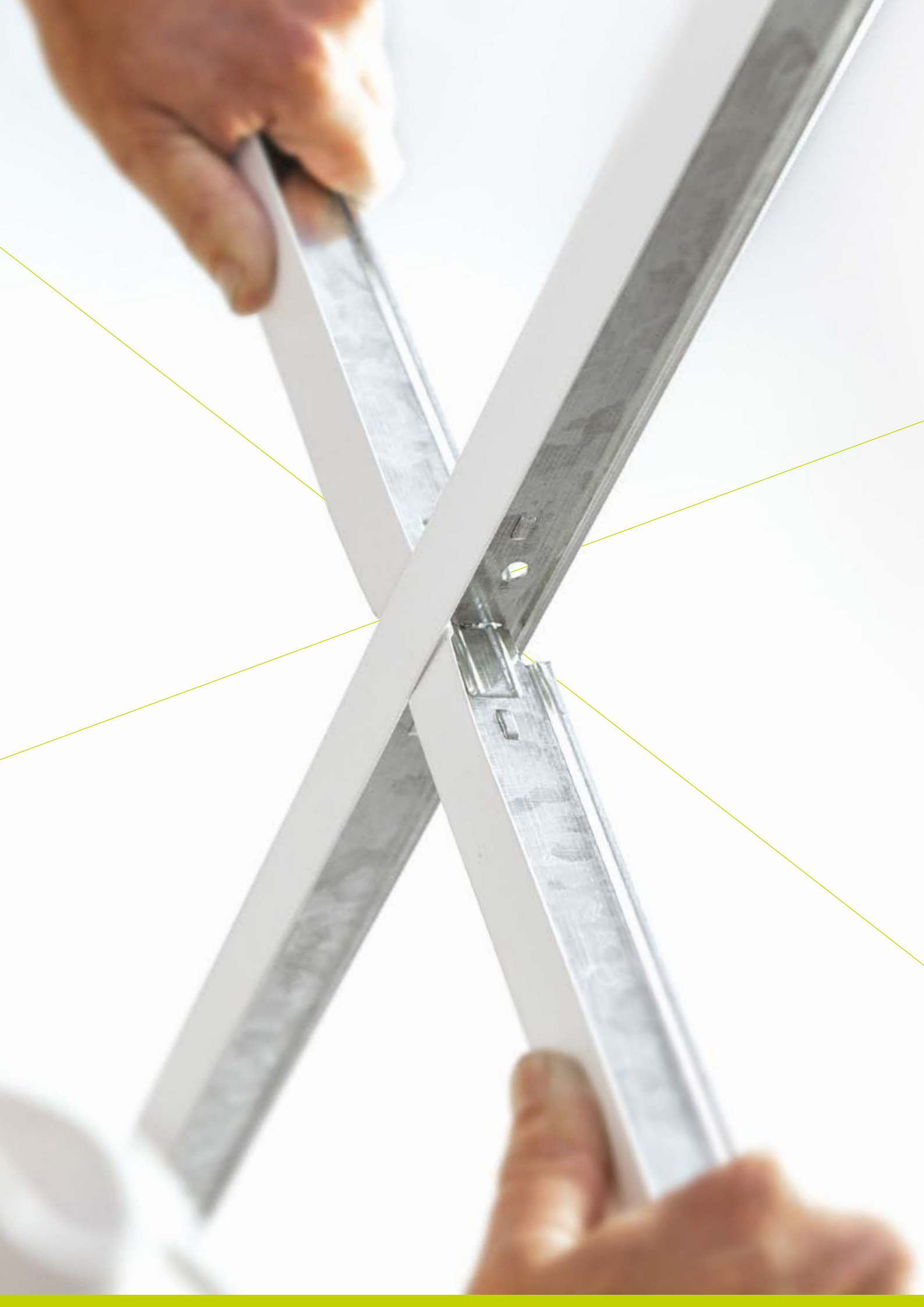
## Loading and Grid Layout

This table shows the maximum uniformly distributed loads that can be applied to Ocelot PowerGrid and still achieve a Class 1 deflection as defined in BS EN 13964: 2005. A hanger should be installed within 150mm of any main tee coupling.

Please consult your local SIG Interiors stockist for information on the support of point loads, light fittings and the use of the Ocelot PowerGrid as part of a fire resistant ceiling.

Maximum UDL (kgs per m <sup>2</sup> ) (Applies to both 1200 x 600 and 600 x 600 modules)		
Hanger centres (mm)	Main tee centres (mm)	
	1200mm	600mm
Up to 1200mm	10kgs/m <sup>2</sup>	25kgs/m <sup>2</sup>
	<p>Main tees at 1200mm centres</p> <p>1200mm cross tee</p> <p>600mm cross tee</p>	<p>Main tees at 600mm centres</p> <p>600mm cross tee</p>





For full technical advice and support, please contact your local SIG Interiors stockists.

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**27. West Bromwich**

Tel: 0121 565 5700  
Fax: 0121 558 3233



SIG Interiors, Hillsborough Works, Langsett Road, Sheffield, S6 2LW  
T: 0114 2318030 E:marketing@siginteriors.co.uk W:www.ceilings.co.uk



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