


PERFECTLINE XL²

Exposed 15 mm grid system with channel feature and pre-mitred intersections - System C

Key features

- 6 mm reveal for a more monolithic appearance with Tegular 15 mineral tiles
- Unnotched 1200/1350 mm Cross Tees for large tile designs
- Peakform : patented design for strength, stability and easier to cut

Application areas

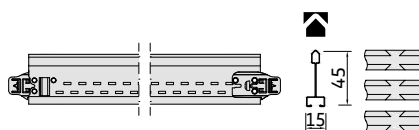
- Reception areas / Open plan office / Individual offices

Physical data

- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products available in White or White with Black Reveal

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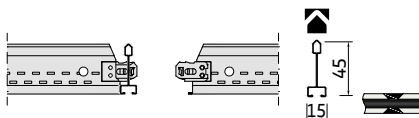
Main Runners White (by-pass connection)



Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
▲ PL360GW	3600	15	45	600	20	72.00	22.40	40
▲ PL312,5GW	3125	15	45	625	20	62.50	19.40	40
▲ PL270GW	2700	15	45	675	20	54.00	16.80	40

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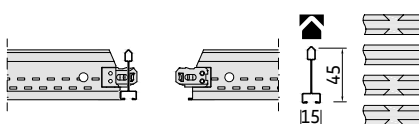
Main Runners White with Black Reveal (by-pass connection)



Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
▲ PL360GR	3600	15	45	600	20	72.00	22.40	40

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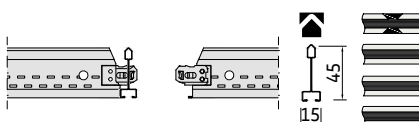
Cross Tees White (stab system)



Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
▲ PL135GW	1350	15	45	675	20	27.00	8.30	40
▲ PL135NGW	1350	15	45	-	20	27.00	8.30	40
▲ PL125GW	1250	15	45	625	60	75.00	23.00	35
▲ PL120GW	1200	15	45	600	60	72.00	22.10	35
▲ PL120NGW	1200	15	45	-	60	72.00	22.10	70
▲ PL67,5GW	675	15	45	-	60	40.50	12.50	70
▲ PL62,5GW	625	15	45	-	60	37.50	11.60	70
▲ PL60GW	600	15	45	-	60	36.00	11.10	70
▲ PL30GW	300	15	45	-	60	36.00	11.10	70

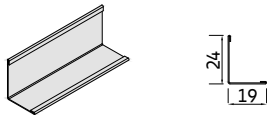
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Cross Tees White with Black Reveal (stab system)



Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
▲ PL120GR	1200	15	45	600	60	72.00	22.10	35
▲ PL120NGR	1200	15	45	-	60	72.00	22.10	35
▲ PL60GR	600	15	45	-	60	36.00	11.10	70
▲ PL30GR	300	15	45	-	120	36.00	11.10	70

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Perimeter Trim White



Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
PL-T1924HD	3000	19	24	-	36	108.00	18.30	49

Section Drawings

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Main Runners (bulb-to-bulb connection)

Length	3600	3125	2700	300	600	600	3 x 600	600	300
▲	3600	3125	2700	300	600	600	3 x 600	600	300
▲	3125	312.5	625	2 x 625	625	625	2 x 625	625	312.5
▲	2700	337.5	675	675	675	675	675	675	337.5

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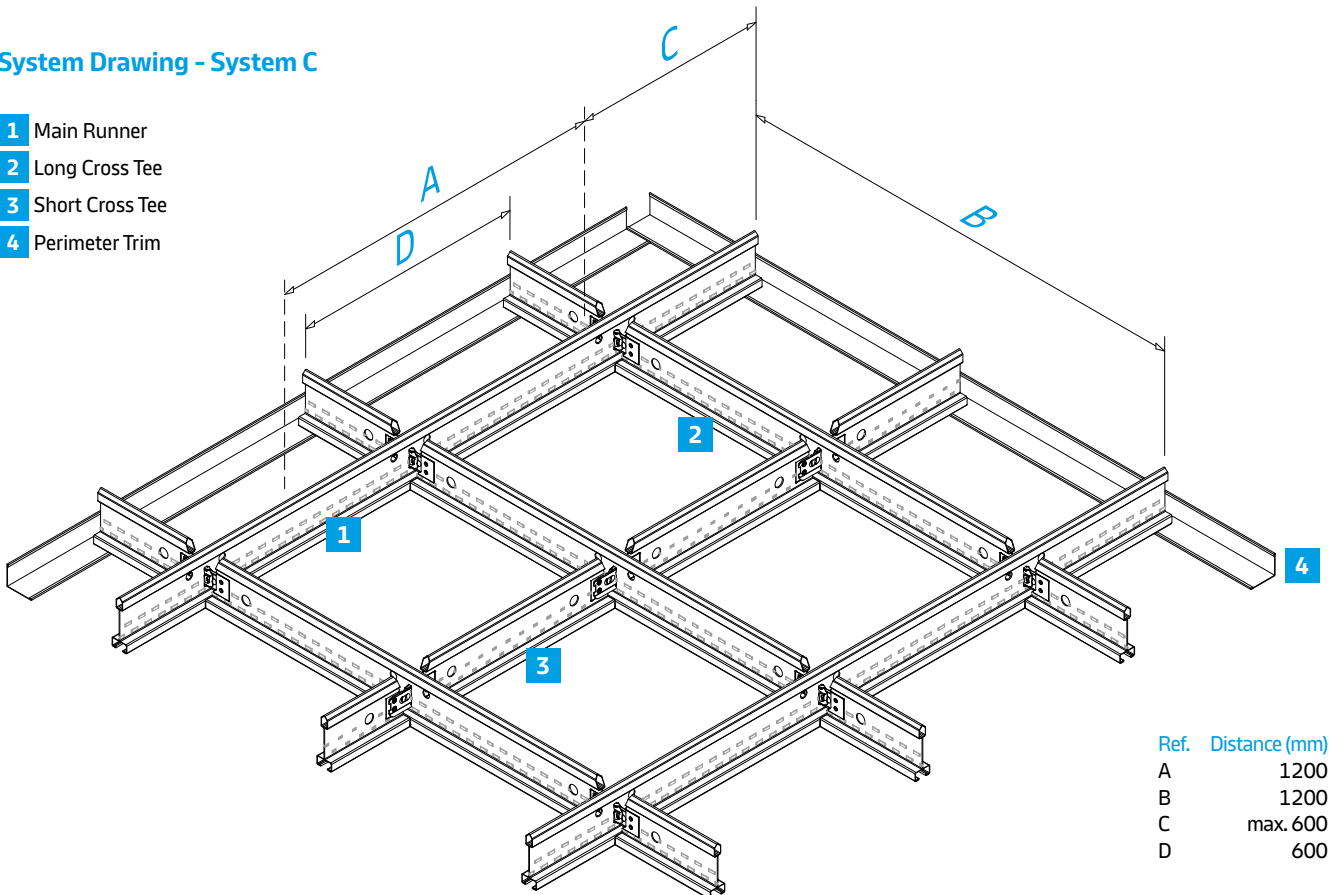
Cross Tees (stab system)

Length	1350	1250	1200	675	625	600
▲	1350	1250	1200	675	625	600
▲	1250	625	600	625	625	600
▲	1200	600	600	600	600	600

Length	1350/1200/675/325/600/300
▲	1350/1200/675/325/600/300

System Drawing - System C

- 1** Main Runner
- 2** Long Cross Tee
- 3** Short Cross Tee
- 4** Perimeter Trim



Ref.	Distance (mm)
A	1200
B	1200
C	max. 600
D	600

Details

Pre-mitred intersections

Choice of either pre-mitred and un-mitred 1200/1350 mm Cross Tees

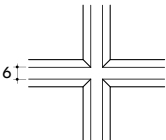
PERFECTLINE XL² with 6 mm reveal is supplied as standard in White and in White with Black Reveal, to compliment mineral tiles



Notched Main Runners and Cross Tees, with or without black reveal

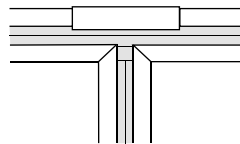
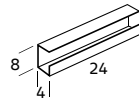


Unnotched Cross Tees, with or without black reveal

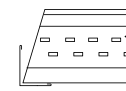


View of mitred intersection from beneath

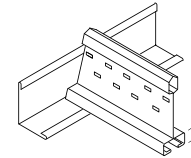
MCC4 G
Mitre closure clip



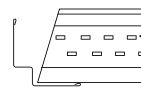
Perimeter Solutions



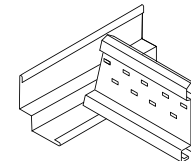
Section



Cross Tee trimmed to perimeter trim



Section



Cross Tee trimmed to Shadowline perimeter trim

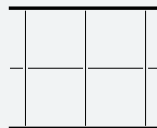
Load Table

Maximum permissible weight (kg/m²)

Main Runner distances	1200 mm	1250 mm	600 mm	625 mm
Hanger distance A (mm)	Module 600x600, 1200x600	Module 625x625, 1250x625	Module 600x600, 1200x600	Module 625x625, 1250x625
800	13.6	11.9	25.0	25.0
1000	10.3	9.3	25.0	25.0
1200	7.1	6.6	15.7	15.1
1500	3.4	3.3	7.5	7.2

Note:

The load per m² must be evenly distributed (no extra point loads). After loading, the deflection will remain within the permitted deflection according to class 1 (L/500) of EN 13964, provided the grid is laid out as shown.



For other grid layouts, load capacities or hanger distances, please contact Knauf Ceiling Solutions.

Characteristics	Detailed information	
Fire reaction		Euroclass A1 as per EN 13501-1
Indoor air quality		 A+
Cleanability	 	
Sustainability		25%

All measurements in millimetres. All sizes are nominal.
Cross Tee alignment is achieved by locating the tees to the left-hand side of the adjoining section.

Products may vary from country to country. Please contact your local sales representative.
For further information and legal notice, please visit our website.