

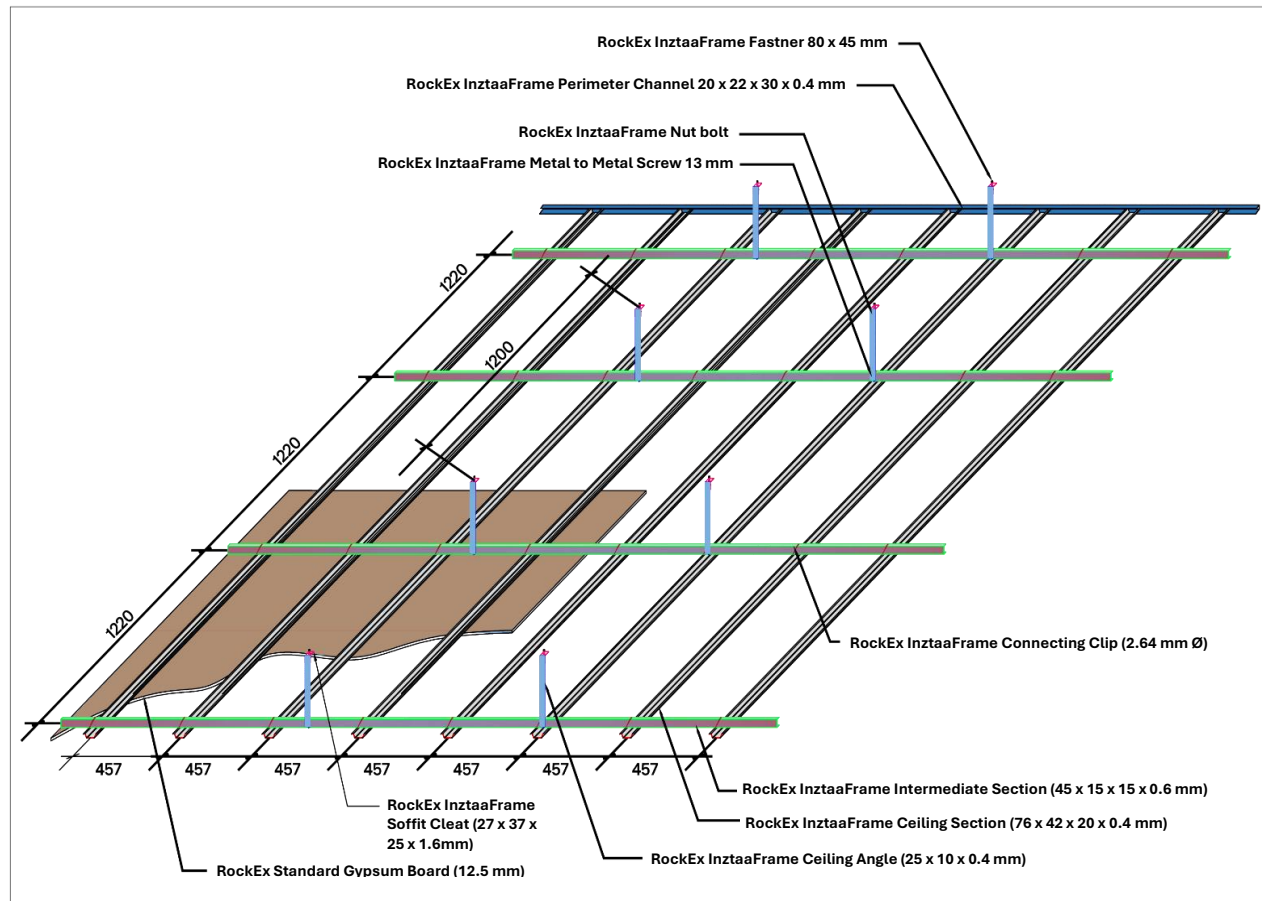
TECHNICAL DATA SHEET

Application: Gypsum Board Suspended Ceiling Systems

Product Overview

HomeSure RockEX InztaaFrame™ is a suspended false ceiling system designed to securely fix gypsum boards to a precision-engineered metal framing system. All metal profiles are manufactured from **hot-dip galvanized, cold-formed steel** and engineered to provide structural stability, dimensional consistency and a high-quality finished surface for gypsum board false ceilings.

Designed for **fast and efficient installation**, **HomeSure RockEX InztaaFrame™** is manufactured under **stringent quality-control parameters** to ensure consistent profile dimensions and strength, ultimately delivering a **reliable, precise and consistent ceiling framing system**.



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InztaaFrame™ Ceiling Section

The **HomeSure RockEX InztaaFrame™** Ceiling Section is the secondary framing member of a GI-framed gypsum board suspended ceiling system. It runs perpendicular to the primary intermediate channels and is secured using dedicated connecting clips, forming a stable, level substructure to which gypsum boards are directly secured with drywall screws.

Its **knurled face** provides positive screw engagement, reliable screw retention and resistance to thread stripping, ensuring secure and consistent gypsum board fixing.



Sl.	Parameters	Unit	Tolerances	
1	Web (A)	mm	42 (+/-0.5)	
2	Flange Left (B)	mm	20 (+/-0.5)	
3	Flange Right (B)	mm	20 (+/-0.5)	
4	Width (C)	mm	76 (+/-1.0)	
5	Lip (D)	mm	9 (+/-0.5)	
6	Thickness (E)	mm	0.40 (+/-0.05)	
7	Length	mm	3660 (+/-5)	
8	Galvanising as per IS 277-2018	GSM	120 GSM inclusive of both sides	

Minimum Yield Strength: 240 Mpa

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InztaaFrame™ Intermediate Channel

The **HomeSure RockEX InztaaFrame™ Intermediate Channel** is the primary structural component of a GI-framed gypsum board suspended ceiling system. Installed perpendicular to the secondary ceiling sections, each channel is securely anchored to the **RCC slab/soffit** using ceiling angles, soffit cleats and approved mechanical fasteners.



The Intermediate Channel supports the secondary framing members and gypsum boards, transferring the **combined load of the ceiling system** safely to the structural slab while providing a stable and level framework for the finished ceiling.

Sl.	Parameters	Unit	Tolerances	
1	Web (A)	mm	45 (+/-0.5)	
2	Flange Right (B)	mm	15 (+/-0.5)	
3	Flange Left (C)	mm	15 (+/-0.5)	
4	Thickness (D)	mm	0.60 (+/-0.05)	
5	Length	mm	3660 (+/-5)	
6	Galvanising as per IS 277-2018	GSM	120 GSM inclusive of both sides	

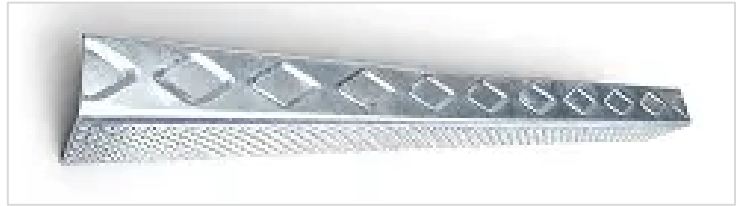
Minimum Yield Strength: 240 Mpa

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InztaaFrame™ Perimeter Section

The **HomeSure RockEX InztaaFrame™ Perimeter Section** is fixed along the perimeter of the ceiling to **brickwork, drywall framing or reinforced concrete walls**.

The Perimeter Section **retains and supports the ends of the ceiling sections**, helping maintain proper alignment and stability of the ceiling grid. Its **knurled face** provides positive screw engagement, reliable screw retention and resistance to thread stripping, ensuring secure and consistent gypsum board fixing.



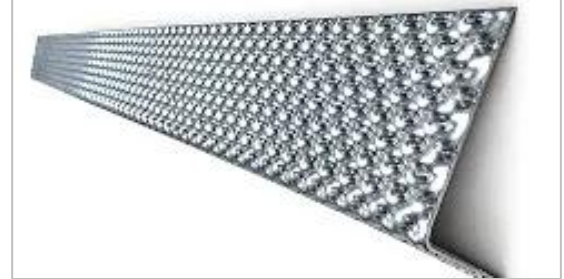
Sl.	Parameters	Unit	Tolerances	
1	Web (A)	mm	22 (+/-0.5)	
2	Flange Left (B)	mm	20 (+/-0.5)	
3	Flange Right (C)	mm	30 (+/-0.5)	
4	Thickness (D)	mm	0.40 (+/-0.05)	
5	Length	mm	3660 (+/-5)	
6	Galvanising as per IS 277-2018	GSM	120 GSM inclusive of both sides	

Minimum Yield Strength: 240 Mpa

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InztaaFrame™ Ceiling Angle

The **HomeSure RockEX InztaaFrame™ Ceiling Angle** is the vertical suspension member of the suspended ceiling system. It is fixed to the **RCC slab/soffit** using soffit cleats and approved mechanical fasteners, providing a secure connection between the structural soffit and the ceiling framing system.



The Ceiling Angle supports the suspended grid and helps maintain the ceiling **in line, level and at the required finished height**, ensuring a stable and accurately aligned ceiling installation.

Sl.	Parameters	Unit	Tolerances	
1	Flange (A)	mm	10 (+/-0.5)	
2	Flange (B)	mm	25 (+/-0.5)	
4	Thickness (C)	mm	0.40 (+/-0.05)	
5	Length	mm	3660 (+/-5)	
6	Galvanising as per IS 277-2018	GSM	120 GSM inclusive of both sides	

Minimum Yield Strength: 240 Mpa

