



Gyproc[®] Screws

Technical & Safety Datasheet



INTRODUCTION

Gyproc's range of screws are high performance, corrosion resistant steel screws with a pozi-drive head design for secure fixing. Engineered for board-to-metal or metal-to-metal fixings, they are designed to deliver optimum performance for all Gyproc systems, and must be specified to ensure compliance with the SpecSure system warranty.

Standards

BS EN 14566:2008 - Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods - Type A1

ASTM C954-18 - Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs

ASTM C1002-18 - Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs

ASTM C1513-18 - Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections

Gyproc® DryWall and Gyproc® Waferhead Screws






Characteristics

Gyproc Drywall Screws are used for fixing Gyproc plasterboards to Gypframe metal framing, for all types of applications.

Gyproc Waferhead Drywall Screws are used for assembling Gypframe metal components, where minimal disruption to the gypsum board lining is desirable.

Both are specially designed for Gypframe metal components with a gauge upto 0.79mm. For higher gauge, use Gyproc Jack-Point Screws and Gyproc Waferhead Jack-Point Screws.

The table presents the full range and available lengths of Gyproc Drywall Screws and Gyproc Waferhead Screws.

Gyproc® Drywall Screws	Screw length	Quantities per box
	mm	pcs
	25	1000
	35	1000
	42	1000
	55	500
Gyproc® Waferhead Screw	Screw length	Quantities per box
	mm	pcs
	13	1000

Gyproc® Jack-Point and Gyproc® Waferhead Jack-Point Screws







Characteristics

Gyproc Jack-Point Screws are used for fixing Gyproc plasterboards to Gypframe metal framing, in all types of applications.

Gyproc Waferhead Jack-Point Screws are used for assembling Gypframe metal components, where minimal disruption to the gypsum board lining is desirable.

Both are self-drilling screws specially designed for Gypframe components with gauges from 0.8mm to 2.3mm and all Gypframe 'I' studs. For lower gauge, use Gyproc Drywall Screws and Gyproc Waferhead Screws.

The table presents the full range and available lengths of Gyproc Jack-Point Screws and Gyproc Waferhead Jack-Point Screws.




Gyproc® Jack-Point Screws	Screw length	Quantities per box
	mm	pcs
	25	1000
	35	1000
	42	1000
	55	500
	75	500
Gyproc® Waferhead Jack-Point Screws	Screw length	Quantities per box
	mm	pcs
	13	1000

Gyproc Habito® Screws

Characteristics

Gyproc Habito Screws are used for fixing Gyproc Habito board to Gypframe metal framing with a gauge up to 0.79mm. They are self-tapping screws with a reverse thread to suit the specially reinforced gypsum core of Gyproc Habito boards designed for high strength and fixing capability.

The table presents the full range and available lengths for Gyproc Habito Screws.

Gyproc Habito® Screws	Screw length	Quantities per box
	mm	pcs
	25	1000
	35	1000
	45	1000


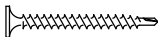
Glasroc® X Screws

Characteristics

Glasroc X Screws are used for fixing Glasroc X board to Gypframe X framing. They are self-drilling screws specially designed for Gypframe X metal components with gauges up to 2.3mm, with a high corrosion resistance performance - achieving more than 500 hours accelerated salt spray test - to suit external applications.

For internal applications, fix Glasroc X board using Gyproc Drywall and Gyproc Jack-Point screws.

The table presents the full range and available lengths of Glasroc X Screws.

Glasroc® X Screws	Screw length	Quantities per box
	mm	pcs
	25	1000
	42	1000

Gyproc® HP Façade Screws

Characteristics

Gyproc HP Façade Screws are used for fixing Glasroc X and other external sheathing boards to Gypframe X framing where a higher performance screw is required for high wind load conditions. They are self-drilling and specially designed for increased gauge Gypframe X components up to 3mm, with a superior corrosion resistance performance to suit external conditions.

Gyproc® HP Façade Screws	Screw length	Quantities per box
	mm	pcs
	25	1000

Gyproc® Tech Screws

Characteristics

Gyproc Tech Screws are used for assembling Gypframe X metal components where minimal disruption to the gypsum board lining is desirable. They are self-drilling and specially designed for increased gauge Gypframe X components up to 3mm.

Gyproc® Tech Screws	Screw length	Quantities per box
	mm	pcs
	25	1000

INSTALLATION GUIDELINES

It is important to observe appropriate health and safety requirements when working on site, e.g. protective clothing and equipment, etc. The following notes are intended as general guidance only describing the basic sequence of installation. In practice, consideration must be given to design criteria requiring specific project solutions.

Gyproc's range of screws should be driven through Gyproc plasterboards 'flush' to the face of the board and into Gypframe framing members, using the bits included in Gyproc screws boxes. Screws should be driven in using a suitable power screwdriver, fitted with a torque limited or adjustable depth control. The bugle head design of the screws should recess into the plasterboard face layer paper without tearing or 'recessing' below the paper into plasterboard gypsum core.

Once fixed, screws should be flush or slightly recessed to allow easy 'spotting' when jointing commences.

Gyproc's range of screws should be of sufficient length to give a nominal 10mm penetration through metal framing. Screws should not be installed closer than 13mm from cut plasterboard edges and 10mm from bound edges.

For detailed information on fixing Gyproc plasterboards to Gyproc wall and ceiling systems, please refer to the appropriate section of the Middle East WHITE BOOK or contact the Gyproc Technical Team.

HEALTH & SAFETY

1. IDENTIFICATION OF THE SUBSTANCES/PREPARATION AND COMPANY

Gyproc Drywall Screws
 Gyproc Waferhead Screws
 Gyproc Jack-Point Screws
 Gyproc Waferhead Jack-Point Screws
 Gyproc Habito Screws
 Glasroc X Screws
 Gyproc HP Façade Screws

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Recommended uses: In conjunction with the Gyproc plasterboards, and Gyframe metal profiles, to form internal walls and ceiling systems, linings and encasements.

2. COMPOSITION/ INFORMATION OF INGREDIENTS

Manufactured from carbon steel wire black phosphate coating (zinc coating for Glasroc X screws) of minimum thickness 5µm (35gm/m²).

3. HAZARDS IDENTIFICATION

These products are not classified as dangerous according to CLP.

There is a risk of cuts and abrasions from sharp points and edges when handling fixings and in use when they have been fixed but are over-exposed.

4. FIRST AID MEASURES

Eye contact P351+P337+P313 - Rinse cautiously with water for several minutes. If eye irritation persists. Get medical advice/attention.

Skin contact P352 - Wash thoroughly after handling.

Ingestion Not applicable.

Inhalation Not applicable.

General Get medical attention if any symptoms persist.

5. FIRE FIGHTING MEASURES

The products do not pose a fire hazard. However, some packaging materials may burn.

Suitable extinguishing media - water, foam, carbon dioxide, dry powder.

6. ACCIDENTAL RELEASE MEASURES

Product discarded in an unaltered form is classified as non-hazardous waste.

7. HANDLING AND STORAGE

Mechanical handling - The dimensions of the pallet vary depending upon the product size. To avoid potentially overloading a lift truck, it is important that any effect on load centres is considered. The nominal weight of each palletised load is given on the delivery note.

Manual handling - Gyproc range of screws are supplied in a variety of sizes and the weight of different screw size varies. Do not use the branding or straps for lifting. Carefully consider the manual handling risks before lifting boxes of screws. Appropriate PPE should be used when handling screws.

Storage - Store on pallets supplied and in dry conditions. To maintain stability, place pallets on firm level ground and ensure that stacks are both level and vertical. Stack height should not exceed twice the width of the pack. Banding should only be removed at ground level.

Use - appropriate PPE should be used when handling screws. Avoid prolonged and repeated contact with skin and wear protective clothing when handling screws (see Section 8).

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Not applicable.

Skin P280 - Wear protective gloves/protective clothing.

Eye P280 - Wear eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Steel screws in various lengths.

Odour Paraffin/oil (protective coating).

10. STABILITY AND REACTIVITY

Stable under normal conditions.

HEALTH & SAFETY

11. TOXICOLOGICAL INFORMATION

Inhalation	No known toxicological effects. Dry grinding or machining may produce dust of the same composition as the coating and base metal. Flame cutting may produce fumes containing oxides of zinc and iron, and also breakdown products of protective coating.
Skin contact	Prolonged and repeated contact may cause irritation.
Eye contact	None in normal use.
Ingestion	Not applicable.

12. ECOLOGICAL INFORMATION

Stable product with no known adverse environmental effect.

13. DISPOSAL CONSIDERATION

Dispose at an authorised metal recycling facility or landfill site in accordance with local regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous for transportation.

15. REGULATORY INFORMATION

This product is not classified as hazardous according to CLP.

16. OTHER INFORMATION

There are a number of situations where the approach to manual handling of Gyproc products should be considered. For further guidance, please refer to the Manual Handling Section of the Middle East WHITE BOOK, or contact Gyproc technical department.

Note to User:

This Product Data Sheet does not constitute a workplace risk assessment for COSHH.



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