

FRAMECAD® Load-bearing Unrestrained Floor/Ceiling Solution

FC F3 – 5/8" Type-X Gypsum, 3/4" JetBoard Magnesium Oxide

Assembly #	Frame size (")	Steel			Ceiling Lining	Flooring	Fire Rating
		Thickness (gauge)	Coating	Grade			
FC F3 Loadbearing	FRAMECAD® 3-5/8" framing member constructed into a webbed joist	18 gauge	G60min. (Z180)	G350 to G550 (33ksi to 80ksi)	One layer of 5/8" Type-X gypsum board	One layer 3/4" JetBoard Mag. Oxide board (JetProducts, LLC)	60 Minutes Test report Intertek 102264860 SAT-001 2015

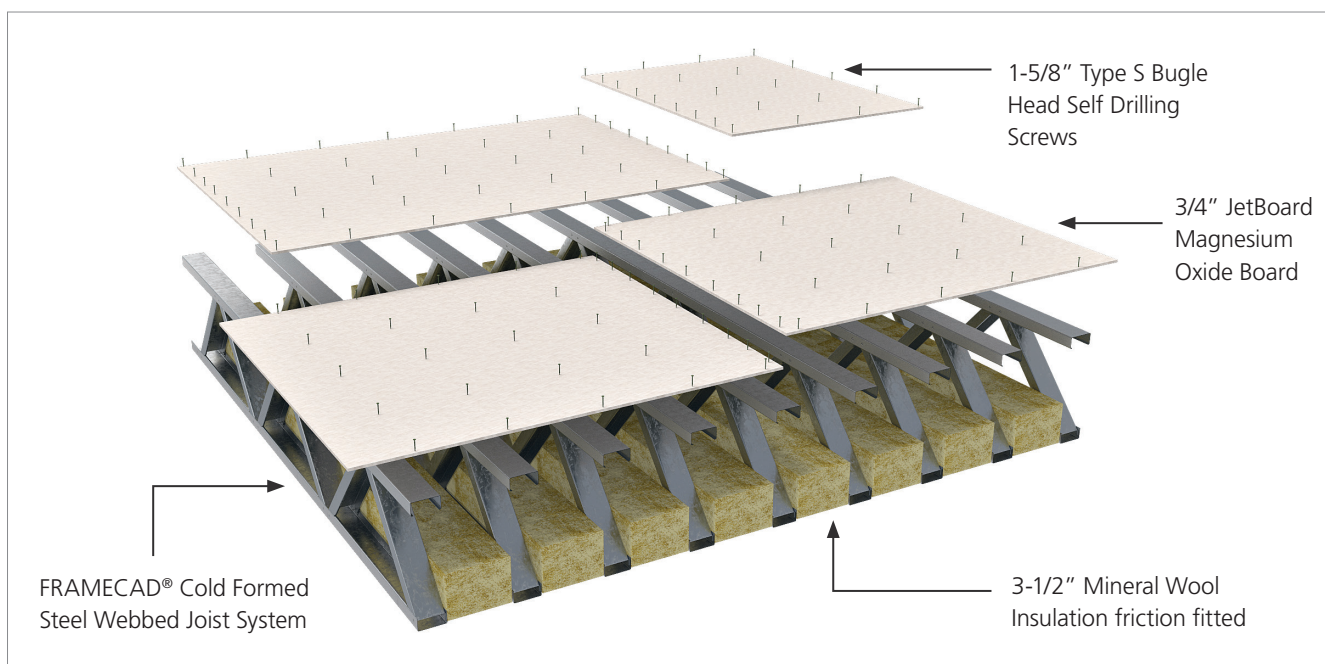
FRAMING

FRAMECAD® cold formed steel webbed joist system manufactured from 3-5/8" profile and 18 gauge thickness, spaced at 16" centres.

RC2 double leg resilient channel fixed perpendicular to the underside of each FRAMECAD® webbed joists at 16" centres with No. 8 x 3/4" self drilling screws in each leg of the channel.

FLOOR LINING

One layer of JetProducts, LLC 3/4" JetBoard (Magnesium Oxide Board) run perpendicular to the line of the FRAMECAD® webbed joists and fixed with 1-5/8" Type S bugle head self drilling screws spaced at 6" centres around the perimeter and 12" centres in the field of the board making sure to offset end/butt joints. All sheet end joints must be formed over framing. Fastening placements should be 1/2" from sheet edge and 2" from sheet corners. All joints must be touch fitted and to receive a level 2 finish with a polymer enriched thin set mortar and 2" wide fibreglass mesh tape



FRAMECAD® Load-bearing Unrestrained Floor/Ceiling Solution

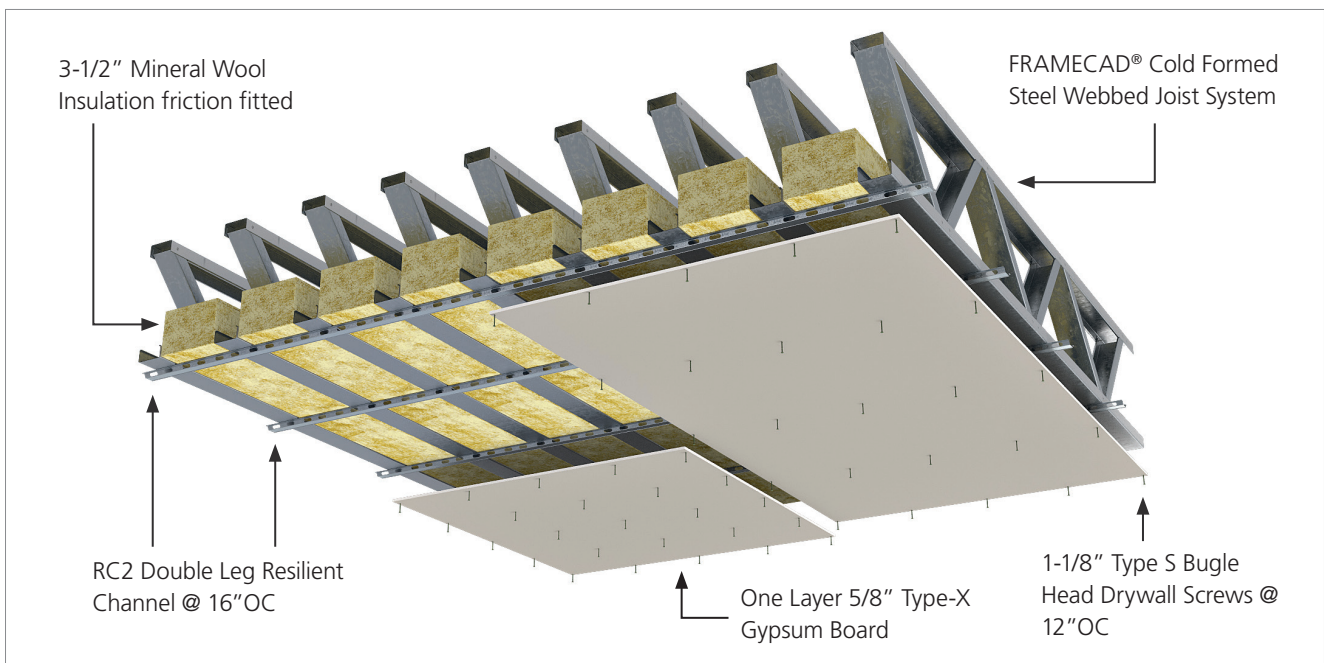
FC F3 – 5/8" Type- X Gypsum, 3/4" JetBoard Magnesium Oxide

CEILING LINING

One layer of 5/8" Type-X Gypsum board run perpendicular to the line of the resilient channel and fixed with 1-1/8" Type S bugle head drywall screws spaced at 12" centres along the channel length making sure to offset end/butt joints. All sheet end joints must be formed over framing. Fastening placements should be 1/2" from sheet edge and 2" from sheet corners. All joints must be touch fitted and to receive a level 2 finish with a plaster based joint compound and 2" wide paper joint tape.

CAVITY FILL

3-1/2" mineral wool insulation friction fitted in the joist cavities ensuring no gaps are left.



DISCLAIMER: This document is current as at September 2015 and supersedes all previous versions of the FRAMECAD® FC F3. The material in this document is provided for general information purposes only. Although all reasonable efforts have been made to ensure that the information is current, relevant and accurate as at the date of issue, the information provided is selective and may not be complete or suitable for your intended use or jurisdiction. No information in this document constitutes, or shall be relied upon as constituting, the giving of advice of any nature. Nor is any such information to be used as a substitute for (1) specific advice from appropriate independent professional advisors in your jurisdiction regarding your particular facts and circumstances or (2) compliance with the requirements of applicable regulatory authorities, standards, regulations, laws, or building codes. You should not act (or refrain from acting) based upon information provided by FRAMECAD® without independently verifying the original source information and, making your own independent assessment, with the assistance of appropriate independent professional advisors, regarding your particular facts and circumstances. FRAMECAD® makes no representation or warranty, express or implied, as to the accuracy, completeness or suitability for purpose, of any information in this document. To the extent permitted by law, FRAMECAD® accepts no responsibility to the recipient or any other person for any loss, damage, cost or expense (whether direct or indirect and however caused, including by negligence) incurred and arising out of or in connection with any use or reliance by any of them on the information in this document including, but not limited to, as a result of any error, omission or misrepresentation in any information or statement in this document. This limitation of liability includes but is not limited to incidental, special or consequential damages, damages for loss of business or other profits. Liability which cannot legally be excluded is limited to the maximum extent possible." Any reproduction or dissemination of all or any part of this document is prohibited, except with the prior written consent of FRAMECAD® Ltd.

We have offices here:

Auckland, New Zealand (Head Office) | Dubai, UAE | Dallas, USA | Hong Kong | Melbourne, Australia | Johannesburg, South Africa