

ReidBoxTM MX Rebate Solution

Product Guide

Tailor your build with Genuine ReidBarTM connections and a 30mm rebate using ReidBoxTM MX. Easily set up on-site with pre-assembled units, securing them to formwork and reinforcing bar effortlessly.



Overview

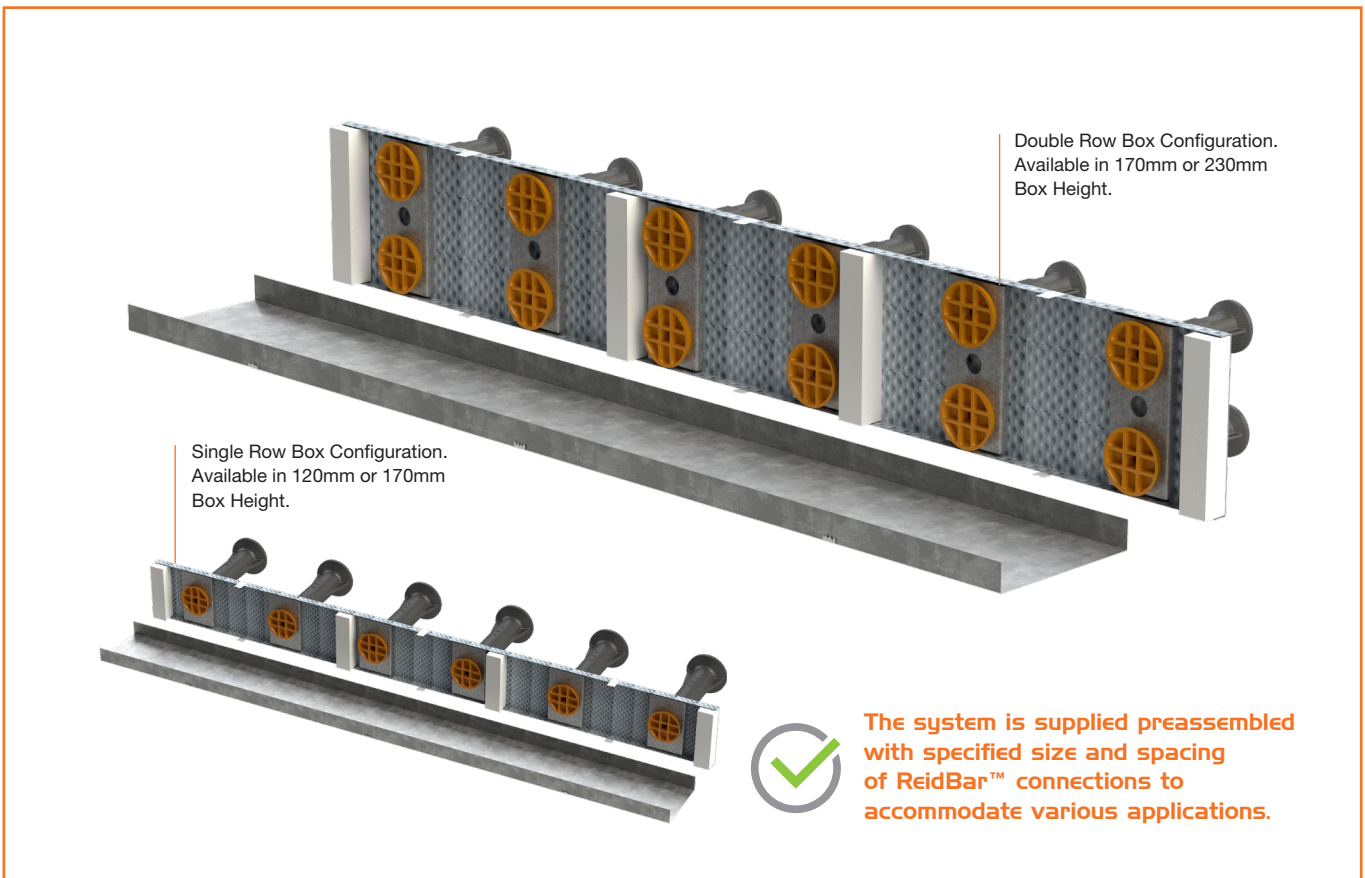
ReidBox™ MX provides an economical, sacrificial rebate solution using Genuine ReidBar™ fittings for in-situ and precast/tilt-up construction, including floor to wall connections.

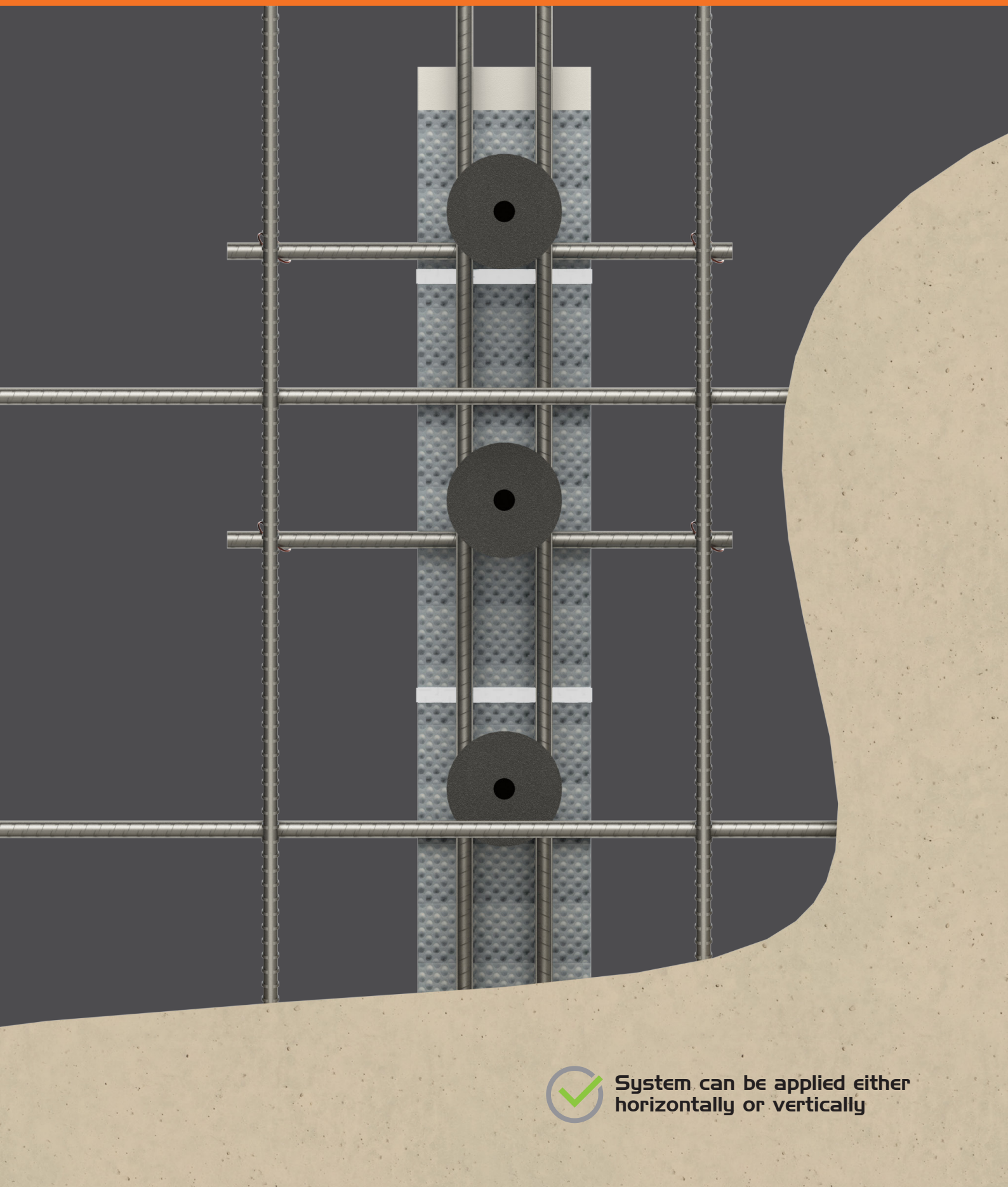
Available in 3 x depth sizes, to suit a variety of slab design thicknesses, The ReidBox™ MX system comprises of a 1.2m long galvanised steel rebate forming case with removable lid, that seals the ReidBox™ MX Connection system against the formwork. The dimpled surface ensures a strong concrete bond, while the streamlined design facilitates easy stripping access. Genuine ReidBar™ fittings are affixed to the ReidBox™ MX with nailing plates, all designed for single-use Application. The pre-assembled and fully sealed system prevents concrete ingress, providing reliable performance.


Features & Benefits

- ✓ **Structural Integrity & Trust:** Reid™ ReidBox™ Systems provide the only Genuine ReidBar™ 'bar-break' engineered connection system on the market.
- ✓ **Customisable:** The system is supplied preassembled with specified size and spacing of ReidBar™ connections
- ✓ **Rebate:** ReidBox™ MX forms a continuous 30mm rebate in concrete
- ✓ **Pre-assembled:** ReidBox™ MX units delivered to site complete and ready to install
- ✓ **Ease of installation:** Fast and secure installation by nailing to formwork and/or tying to nearby reinforcing.

ReidBox™ MX is an Australian made, fully sealed & pre-assembled rebate reinforcement continuity system. Designed to provide the ultimate solution in concrete reinforcement connections with speed and precision.

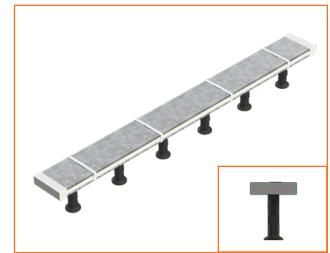




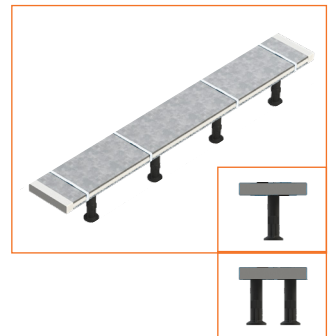
 System can be applied either horizontally or vertically

Item Codes & Product Specifications

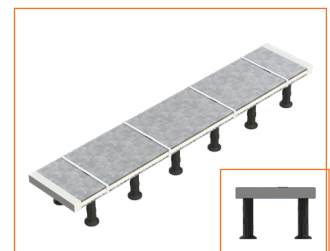
Product Code	Box Depth (mm)	Fitting Dia. (mm)	Connection Spacing (mm)	Single/Double Row Configuration
RBMX12016T200S	120	16	200	S
RBMX12016T300S	120	16	300	S
RBMX12020T200S	120	20	200	S
RBMX12020T300S	120	20	300	S
RBMX12025T200S	120	25	200	S
RBMX12025T300S	120	25	300	S



RBMX17016T200S	170	16	200	S
RBMX17016T300S	170	16	300	S
RBMX17020T200S	170	20	200	S
RBMX17020T300S	170	20	300	S
RBMX17025T200S	170	25	200	S
RBMX17025T300S	170	25	300	S
RBMX17012T150D	170	12	150	D
RBMX17012T200D	170	12	200	D
RBMX17016T200D	170	16	200	D
RBMX17016T300D	170	16	300	D
RBMX17020T200D	170	20	200	D
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RBMX17025T200D	170	25	200	D
RBMX17025T300D	170	25	300	D

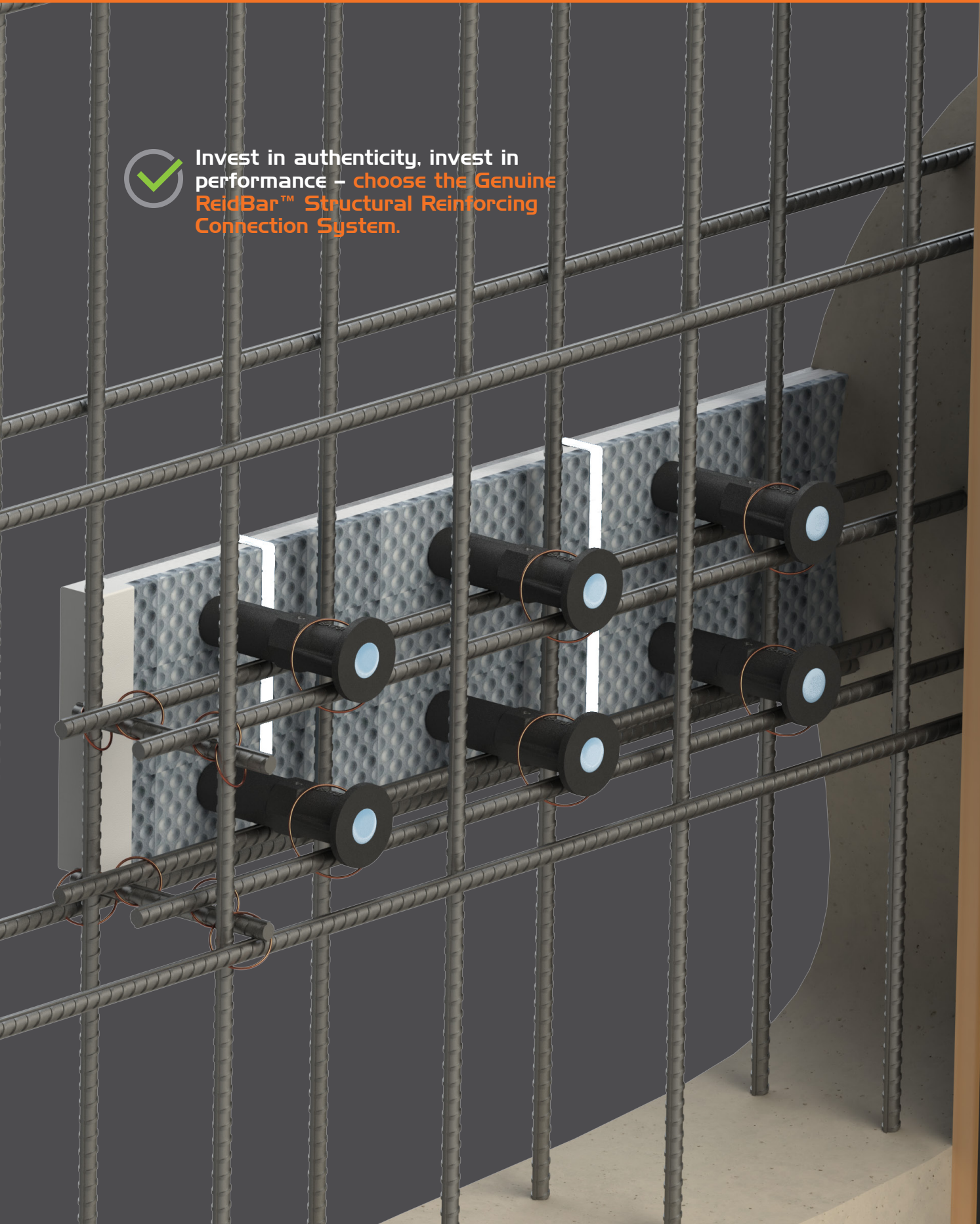


RBMX23016T200D	230	16	200	D
RBMX23016T300D	230	16	300	D
RBMX23020T200D	230	20	200	D
RBMX23020T300D	230	20	300	D
RBMX23025T200D	230	25	200	D
RBMX23025T300D	230	25	300	D





Invest in authenticity, invest in performance – choose the Genuine ReidBar™ Structural Reinforcing Connection System.



Installation

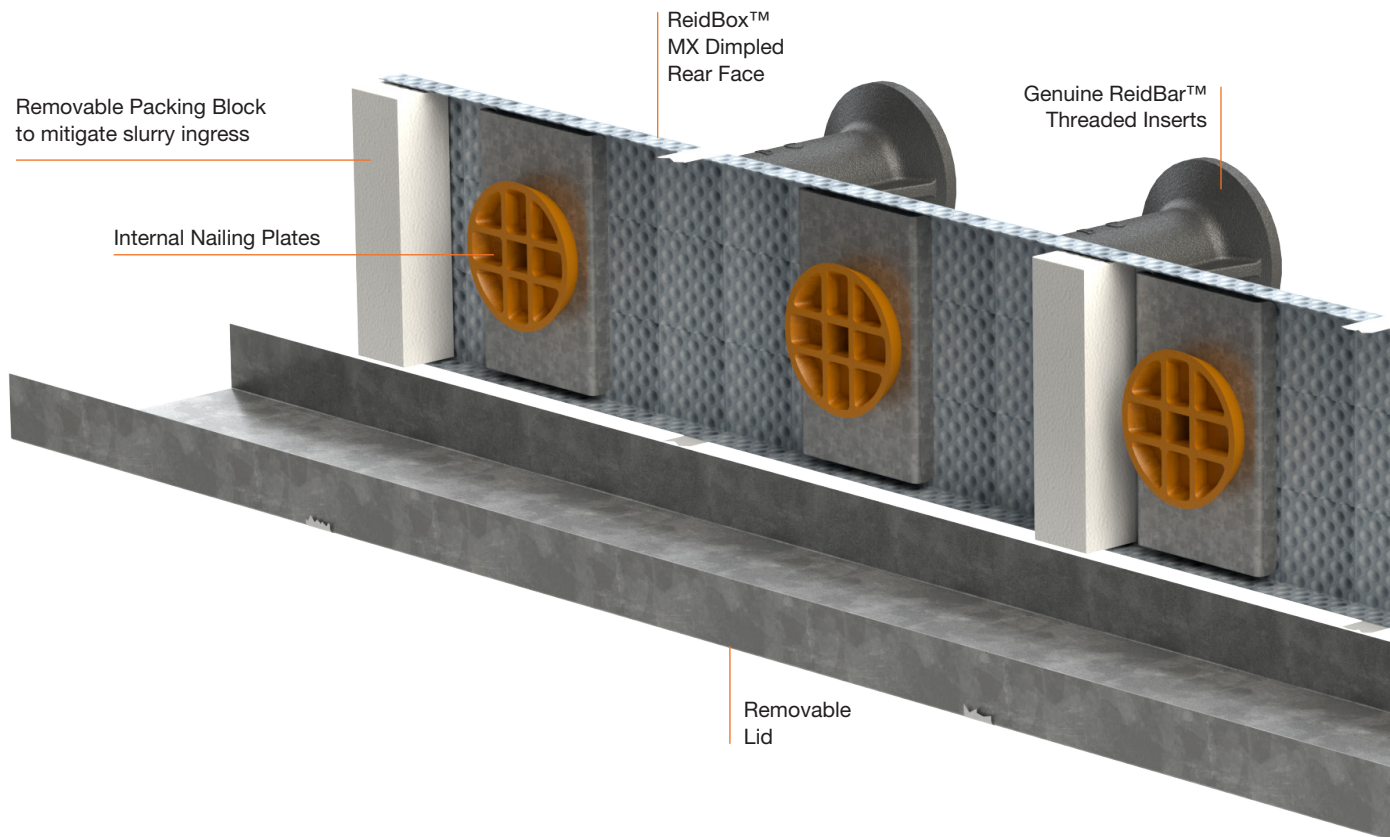
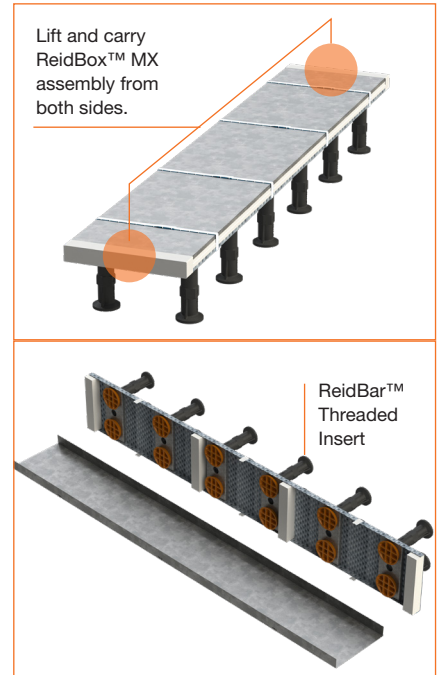
I. Handling ReidBox™ MX

Handle the assembled ReidBox™ MX carefully so that the fittings remain tight, and the lid remains attached and sealed. DO NOT carry the ReidBox™ MX by a single ReidBar™ fitting, as this may:

- Rotate and loosen the fittings, allowing concrete slurry ingress to the threads during concrete pour.
- Twist and warp the ReidBox™ MX and unseal the lid, allowing slurry inside the box during concrete pour.

Checklist Prior to Installation

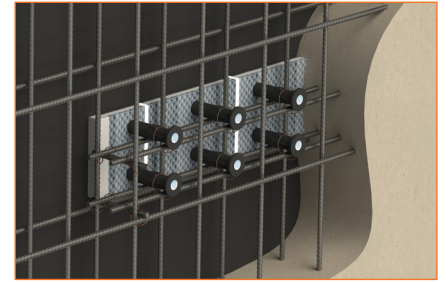
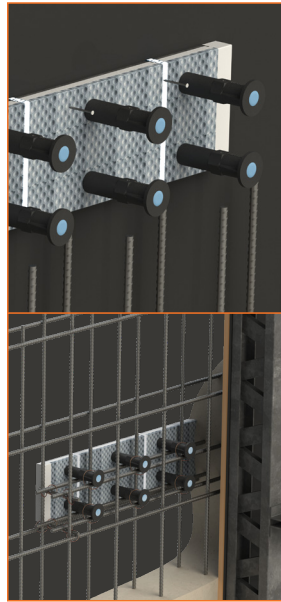
- ✓ Ensure that the ReidBar™ fittings are screwed tightly onto the nailing plates.
- ✓ Ensure that the box has not been damaged during transport, and box remains tightly sealed against potential concrete ingress.



2. Fixing ReidBox™ MX

Secure ReidBox™ MX to formwork and nearby reinforcing for full support against self-weight and potential impacts during concrete placement:

- Fasten ReidBox™ MX to timber formwork with at least six nail or screw fixings, avoiding reliance on the lid alone to prevent separation and skewing.
- Tie ReidBar™ fittings to nearby vertical or horizontal reinforcing. If none is present, insert a short horizontal rebar along the fittings and tie to vertical rebar.
- Provide extra support for heavy ReidBox™ MX applications with numerous large fittings where required.
- In steel shutter applications, use tie-wire around the ReidBox™ MX body, to secure the assembly to surrounding reinforcing.
- For wall-slab joint locations with ReidBox™ MX located at base of pour, ensure fixings resist concrete impact from above where possible.



3. Concrete Placement and Stripping Rebate

Avoid impacting the ReidBox™ MX and fittings with pump hoses and vibrators during concrete placement.

After the formwork has been released:

- Cut tape with safety utility knife prior to removing the box lid.
- Remove the taped lid to expose the internal nailing plates.
- Remove the nailing plate using ½” socket drive, with care to not strip the plate if the fittings were over-tightened.
- Remove sealing foam & loose items. The dimpled box is designed to be sacrificial and remains in place.

Screw in the ReidBar™ starter bars to full thread depth and tighten, completing the Genuine ReidBar™ reinforcement connection.

Checklist After Installation

- ✓ Ensure fixings are tight and the ReidBox™ MX will not shift in any direction during concrete pour.
- ✓ Ensure that ReidBar™ fittings remain tightly fitted, and do not spin freely.
- ✓ Ensure that the lid is positioned flat against formwork and remains fully sealed.
- ✓ Ensure ReidBox™ MX is level, & fittings are perpendicular to formwork surface.





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