

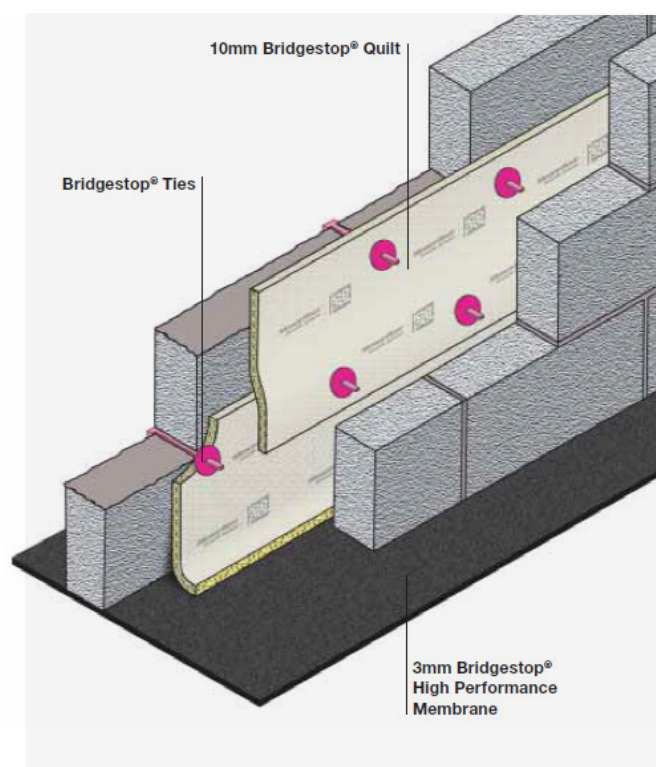
Monarfloor® Bridgestop System

Sound Protection

Acoustic isolation system for party walls on raft foundations or a continual slab. Monarfloor Bridgestop isolates both masonry leaves from each other, preventing an acoustic bridge should mortar collect at the cavity base.

INTENDED USE

Monarfloor® Bridgestop isolates the party wall from the concrete sub-floor, reducing acoustic flanking and improving damping. Where used with a methane or radon barrier, Monarfloor Bridgestop will ensure the integrity of the barrier from possible damage from mortar droppings.



PRODUCT DATA

Product Code	10001157
Composition	Bridgestop Quilt – reconstituted Polyether Polyurethane Bridgestop High Performance Acoustic Membrane
Contents	Bridgestop HP Membrane 3mm x 500mm x 8m Bridgestop Quilt 2x 10mm x 300mm x 8m Bridgestop Ties - 40No Each kit will cover 8 linear meters of party wall
Weight per kit	19.7kg (max)
DnT,w*	64dB
DnT,w + Ctr*	56dB

*Tests were carried out in full accordance with Part 4 (1998) and Part 7 (1998) of BS EN ISO 140 and Annex B of Approved Document E (2003 edition, as amended 2004).

Construction is separating party cavity wall, 100mm light-weight aggregate blocks, 100mm cavity, 8mm parge coat with 12.5mm gypsum wall boards on dabs. Party wall constructed off a continual concrete raft foundation.

INSTALLATION SUMMARY

- Ensure the sub-floor is suitably prepared.
- Roll out a continuous layer of Bridgestop High Performance Membrane over the suitably prepared sub-floor, making sure it is centred within the line of the wall. For jointing and detailing with any gas barrier please contact Monarfloor Technical Services.
- Build, full length, both party wall leafs up to one block course high. Bed the first Bridgestop Tie in position within the mortar bed, close to start of the wall. Continue bedding the Ties in at approx every 450mm horizontal centres.
- Roll out the first layer of Bridgestop Quilt in the cavity between the two wall leafs ensuring that the bottom edge of the Quilt returns across the cavity and that the top edge of the Quilt covers the first block joint.
- Fix the Quilt in position by pushing it onto the ties, ensuring it penetrates the Quilt.
- Build the second course and install the second layer of Bridgestop Ties and Bridgestop Quilt by repeating the above process.
- Lock the Ties in position by pushing the Tie Locking Caps over the open ends, cut excess Tie flush with the Locking Cap. Once Quilt is fully installed complete the build of the party wall.

For full details including advice on services and penetrations refer to our Monarfloor® Bridgestop System Installation Sheet.

SAFETY, QUALITY & ENVIRONMENT

BMI Icopal products are distributed under a Quality Management System approved to ISO 9001: 2015 and an Environmental Management System approved to ISO 14001: 2015, by TÜV NORD CERT GmbH.



Information regarding transportation, handling, storage and disposal can be found on the relevant Safety Data Sheet.

TECHNICAL SERVICES

For further information and technical support, please contact our technical services team.

T: +44 (0)330 123 4585

E: technical.uk@bmigroup.com

BMI Group UK Limited

BMI House, 2 Pitfield, Kiln Farm, Milton Keynes, MK11 3LW
bmigroup.com/uk

Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact our BMI Icopal technical services team.