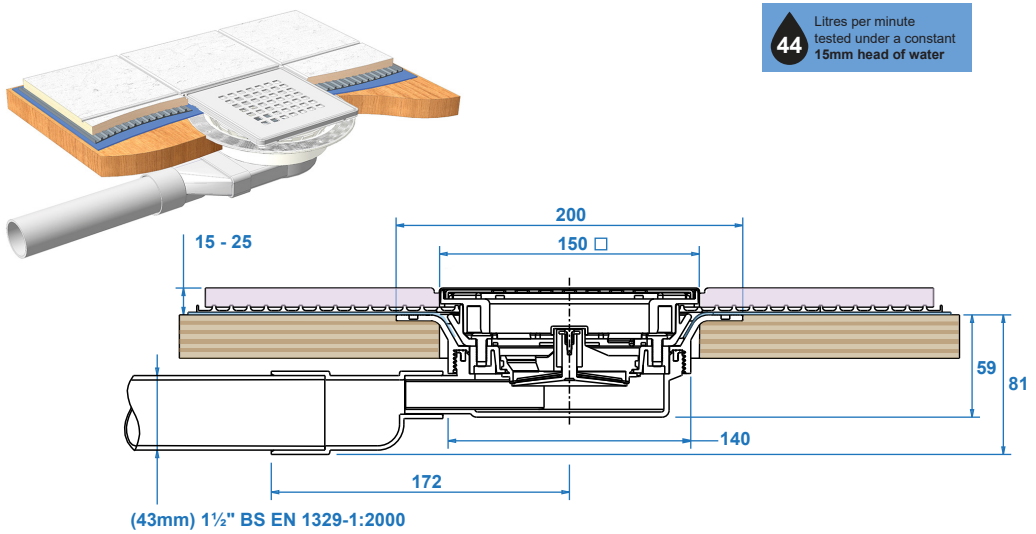
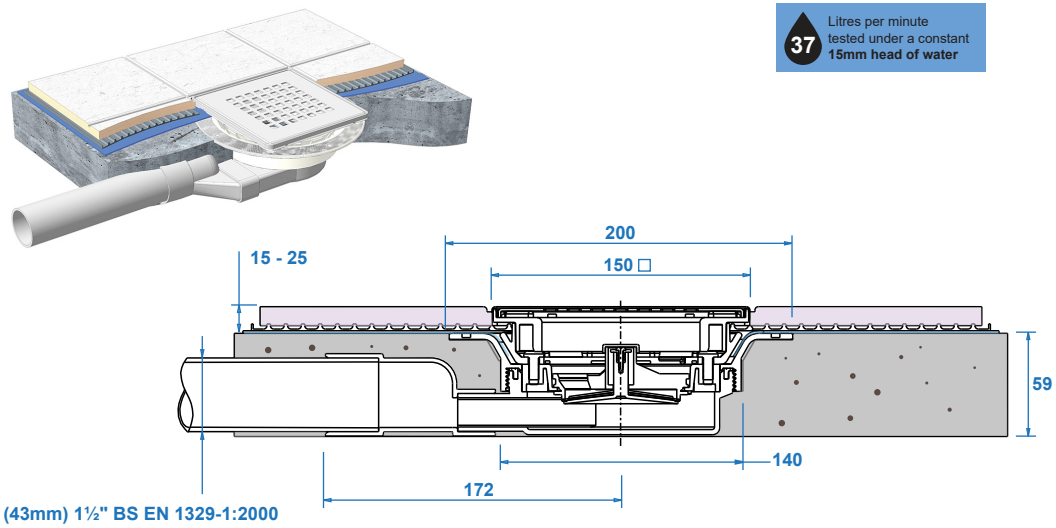
VSG52SL-T6SQ-X SPECIFICATIONS

(A) Timber floor installation



(B) Concrete screed installation



McAlpine & Co Ltd. Kelvin Avenue Hillington Glasgow G52 4LF
Tel: 0141 882 3213 **Fax:** 0141 891 5065 **Fax:** (Sales Office) 0141 883 5697

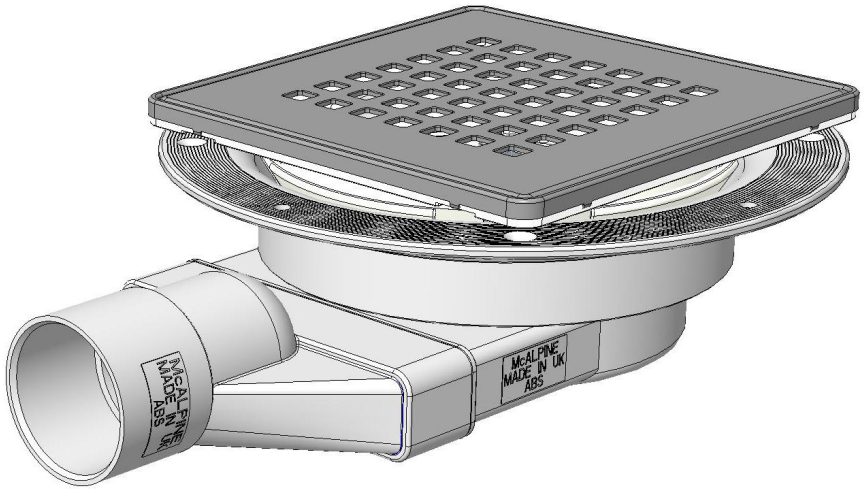
McAlpine Two Piece Gullies With Non-Return Valve For Use Where The Floor Depth Is Restricted

McALPINE Plumbing Products

Tiled Floor Installation

Installation and Maintenance Guide

McALPINE SHOWER GULLIES SHOULD ONLY BE INSTALLED BY A COMPETENT PLUMBER AND/OR SPECIALIST FLOORING CONTRACTOR



VSG52SL-T6SQ-X

IMPORTANT NOTES

1. **The integrity of the Gully is dependent on a good seal between the underside of the sheet flooring and the Gully Body. The only Sealant tested & 100% safe for use with McAlpine products is McAlpine MacXseal Hybrid Sealant & Adhesive as illustrated. Acetoxy sealants must not be used as they may be detrimental to the plastic used in the manufacture of the Gully.**

2. **All Gullies have flow rates in excess of 30 litres per minute when tested in accordance with EN 1253-2:2003 and are variable dependent on Cover Plate or Grating used. The flow rate can be seriously impaired if an adequate fall is not maintained throughout the length of the waste pipe.**

INSTALLATION INSTRUCTIONS

The following instructions refer to all 59mm deep two piece Gullies.
These Gullies are suitable for all floors but they have been specifically designed for use with floor formers.
This enables the Gully Body to be fully plumbed to the discharge pipe work using the Outlet Connection prior to the installation of the Floor Former.

1. Unpack the box and check contents.

2. **Timber & Floor Formers.**
   Floor Former manufacturer's installation instructions should be adhered to at all times.

   Cut hole in floor / former to accommodate Gully Body (timber floor max. 160mm diameter).
   Set Gully Body into the floor / former and ensure that the top surface of the Gully Flange aligns flush with, or slightly below, the floor surface on which the sheet flooring is to be laid.
   Note all required pipework dimensions which must be taken from the mock-up installation.
   Unassemble the Gully from the floor / former and remove the following items from the Gully Body.
   Tile assembly, Clamp Ring and the non-return valve assembly (by turning anti-clockwise)
   and lifting out. Keep the valve stored in a safe place until the installation is complete and ready to handover.
   Solvent weld the oulet and body to the discharge pipe work using the dimensions previously measured. Check that the Rubber Seal remains in place on the Gully Body. The former can now be placed in position over the Gully Body. Connect the Gully Flange to the Gully Body through the hole in the former and tightened with the flange spanner provided. Ensure the Gully flange remains concentric within the 160mm opening during this procedure. Secure Gully body to floor surface by drilling out indentations in flange with 5mm drill and fix with 4 x No. 8 Stainless Steel or Plated Countersunk Head Screws (not supplied). It is recomended that pilot holes are also drilled into the floor or former surface to ensure the Gully Flange does not rise from the floor / former whilst screwing together.
   Ensure that the Gully Body is fully supported on the underside. **DO NOT solely support on the Gully Flange.**

3. **Concrete Floors.**
   Make good around the Gully ensuring that the Gully Body is fully supported.
   DO NOT solely support on the Gully Flange.

4. Test drainage system for air and water tightness and place the Temporary Dust Cover over the Gully Flange.

5. A good quality waterproofing membrane should be employed to prevent water penetration to the floor structure. To lay waterproof membrane, remove Temporary Dust Cover.

6. Position the waterproof membrane and carefully, cut a hole 110mm in diameter directly over the Gully.

7. Ensure a watertight seal is obtained between the underside of the waterproof membrane and the Gully Flange with adequate use of an appropriate neutral sealant. The only Sealant tested & 100% safe for use with McAlpine products is McAlpine MacXseal Hybrid Sealant & Adhesive. Acetoxy sealants must not be used as they may be detrimental to the plastic used in the manufacture of the Gully.

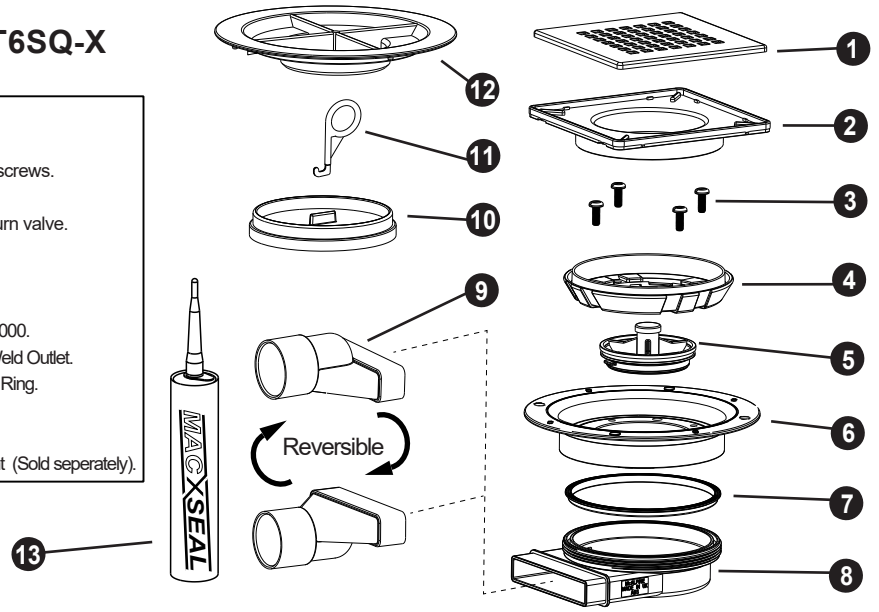
8. Clamp waterproof membrane to the Gully by securing the Clamp Ring with the 4 x M6 Stainless Steel Screws provided and then replace Temporary Dust Cover.

9. To install the Gully Tile, remove the dust cap / extension ring and using an appropriate solvent cement, weld the Gully Tile to the upstand of the clamp ring.
   For additional Tile height adjustment. The minimum dimension between the Gully Flange and top surface of the Gully Tile , which requires to be flush with the finished flooring, is 15mm. This dimension cannot be reduced but if required the Gully Tile can be raised. To do this remove the centre area from the Dust Cap / extension Ring (10) and solvent weld the extension Ring to the upstand of the Clamp Ring. If additional height is required, an appropriate length of 110mm soil pipe can be solvent welded between the Extension Ring and the underside of the Gully Tile or Grating.

10. Prior to hand over, remove temporary Dust Cover / Extension Ring (if not used in step 9).
    A visual inspection of the Gully should be carried out to ensure it is clean and free from debris.
    Pay particular attention to the seals on the NRV and corresponding surface.
    Depending on the Gully being used, replace the NRV & Tile Cover and secure with the two screws provided (If required). If applicable, the gully can now be given the final air test.

VSG52SL-T6SQ-X

1	Tile top cover.
2	Tile Housing.
3	4 X M6 Clamp ring screws.
4	Clamp ring.
5	Mechanical non return valve.
6	Gully flange.
7	Gully body seal.
8	Gully body.
9	1½" BS EN 1329-1:2000. Reversible Solvent Weld Outlet.
10	Dust cap / Extension Ring.
11	Tile Hook.
12	Flange spanner.
13	MAC X SEAL Sealant (Sold seperately).



ROUTINE MAINTENANCE

REGULAR MAINTENANCE AND CLEANING IS REQUIRED AS FOLLOWS

Tiled Flooring Gullies with Tile Cover Plate.
1. Remove Tile Cover Plate using the plastic hook provided **(A)**.
2. Remove NRV **(B)** by turning a quarter turn anti-clockwise and pulling clear of the Gully Body.

All Gullies.
1. Flush through the Gully Body with clean water and thoroughly clean all parts that have been removed.
2. Check for any surface damage to component parts and that all the seals are in a good condition and correctly positioned.
3. Lubricate all parts with a good quality silicone lubricant.
4. Re-assemble the gully by reversing the above instructions.

IT IS RECOMMENDED THAT THIS PROCEDURE SHOULD BE CARRIED OUT AT LEAST EVERY 3 MONTHS. HOWEVER, MORE FREQUENT MAINTENANCE MAY BE REQUIRED DEPENDING ON USAGE.