ARMERA®

Installation Instructions

Pivot Landscape thermostatic shower valves

PI.383.67

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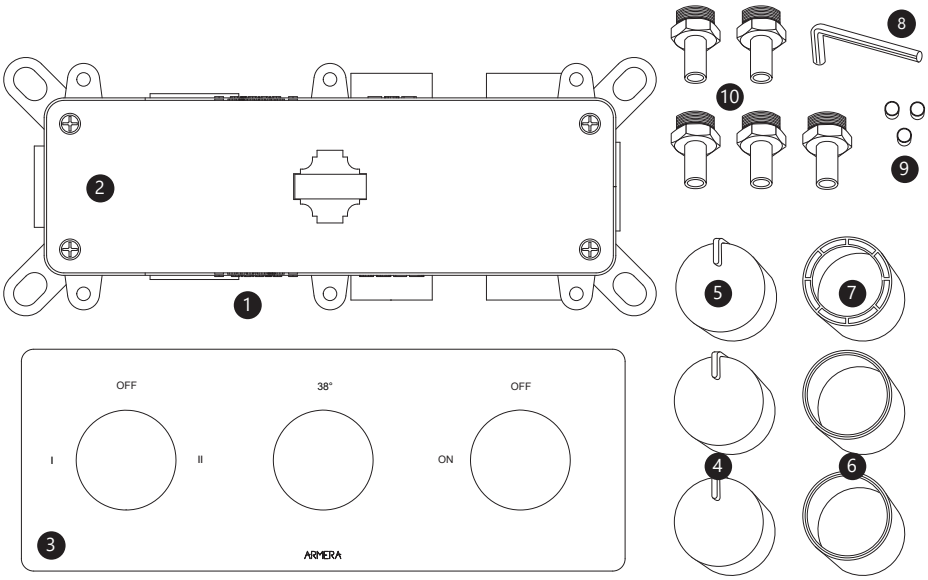
Please Note

Please follow all instructions carefully. Failure to do so could invalidate your guarantee. As with the installation of any water bearing product, you must make sure that any laws prevalent to your area are followed. Such laws may include Local & National Water Supply Authority Regulations or Byelaws and Building and Plumbing Regulations. We recommend that a qualified registered plumber is used to install your product. Please ensure that when fitted, the product is easily accessed for service and maintenance requirements. ARMERA cannot be held liable for costs associated with accessing the product after it is fitted.

Before starting installation

Please remove all packaging and make sure no components are missing. The following components should be present:

ITEM	DESCRIPTION		
1	Valve body	6	Flow control shroud x 2
2	Mortar guard	7	Temperature control shroud
3	Back plate	8	Allen key
4	Flow control handle x 2	9	Grub screw covers x 3
5	Temperature control handle	10	3/4"M x 15mm fittings x 5

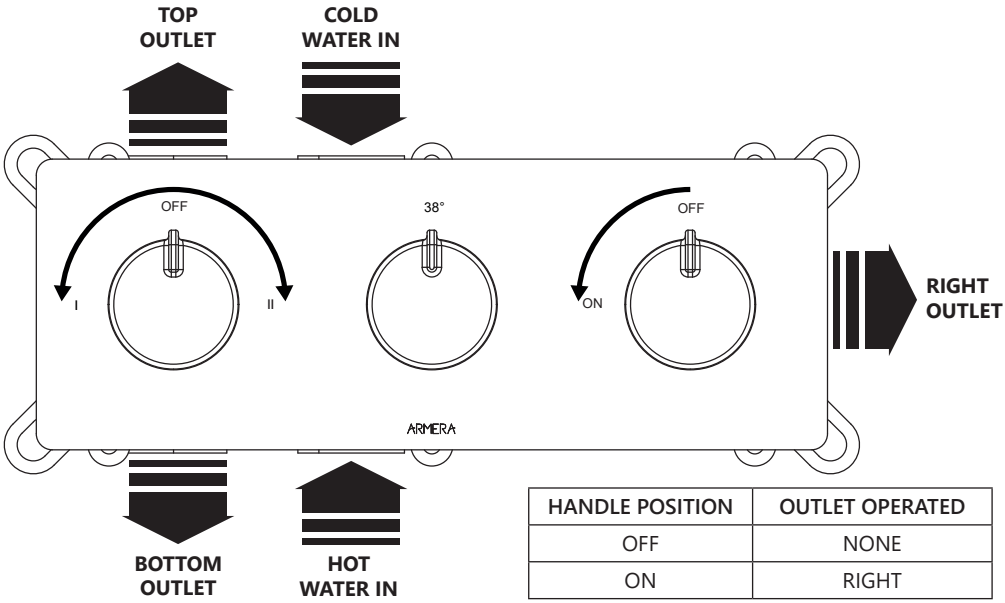


RECOMMENDED PRESSURE	1 bar to 5 bar

Installation

1. Before starting installation, please ensure the plumbing system has been fully flushed to remove any dirt and debris.
2. This product requires adequately balanced hot and cold water supply.
3. Turn off the water supply.
4. Decide which outlets you want to be controlled by each valve function:

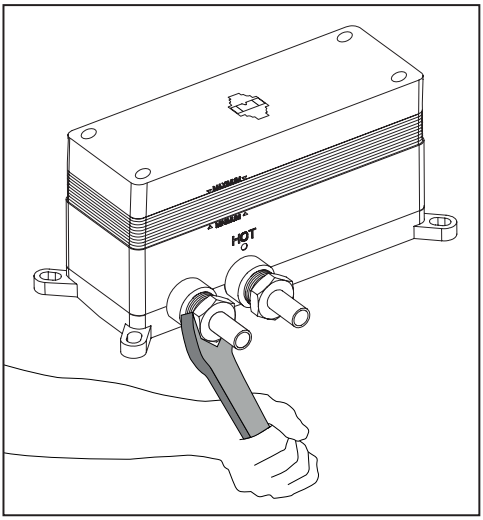
Note: It is recommended that the bath fillers are plumbed off the right outlet.



HANDLE POSITION	OUTLET OPERATED
OFF	NONE
ON	RIGHT

HANDLE POSITION	OUTLET OPERATED
I	TOP
II	BOTTOM

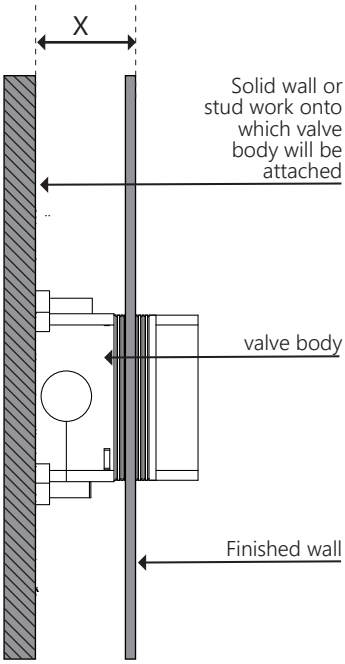
5. Using PTFE tape or jointing compound, connect the ¾"M x 15mm fittings to all water inlets and outlets.



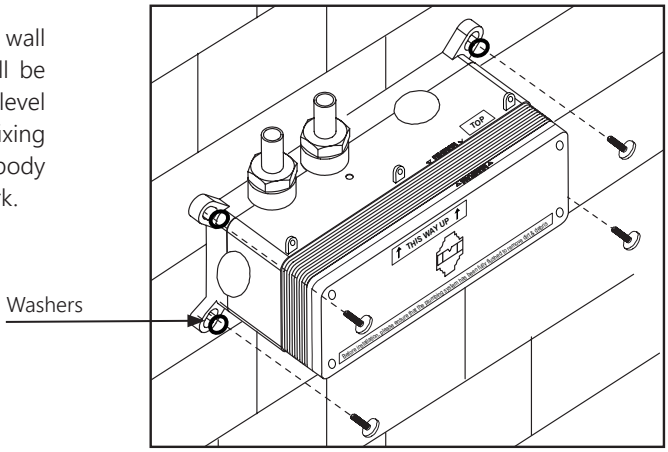
6. Calculate the depth at which you want to set the valve body into the wall.

*NB When calculating installation depth (X) please remember to allow for the depth of plasterboard, tile adhesive and tiles on the finished wall.

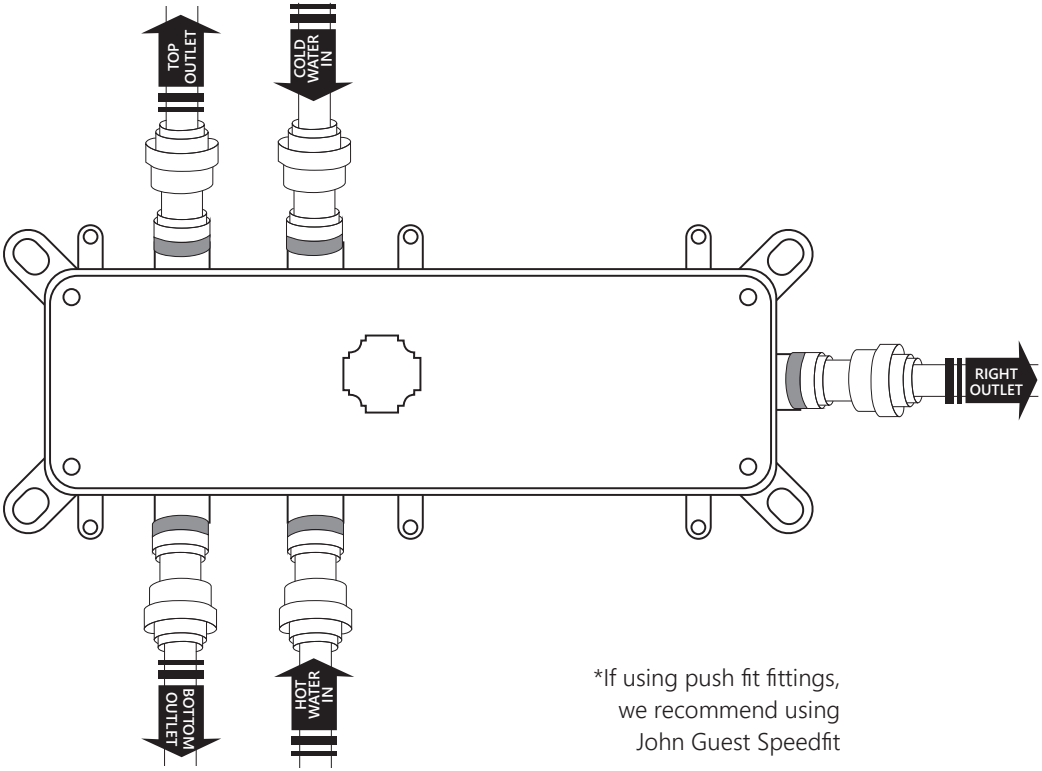
Depth tolerance (x)	58mm - 82mm



7. Offer the valve body up to the wall or studwork onto which it will be fixed and use the built in spirit level to ensure it is level. Mark the fixing points and then fix the valve body securely to the wall or studwork.

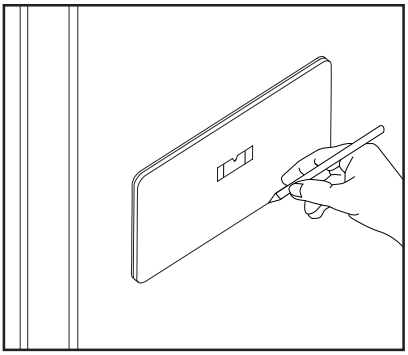


8. Connect all inlets and outlets using push fit*, compression or solder ring fittings. Turn on the water supply to test all pipework for leaks before proceeding on to next steps. When tests are complete, please turn the water supply back off.

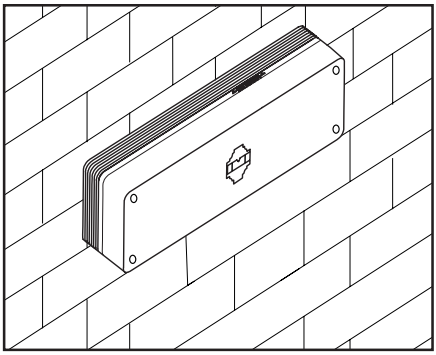


*If using push fit fittings, we recommend using John Guest Speedfit

9. Remove the mortar guard and use it as a template to mark a cut out in your finished wall material.

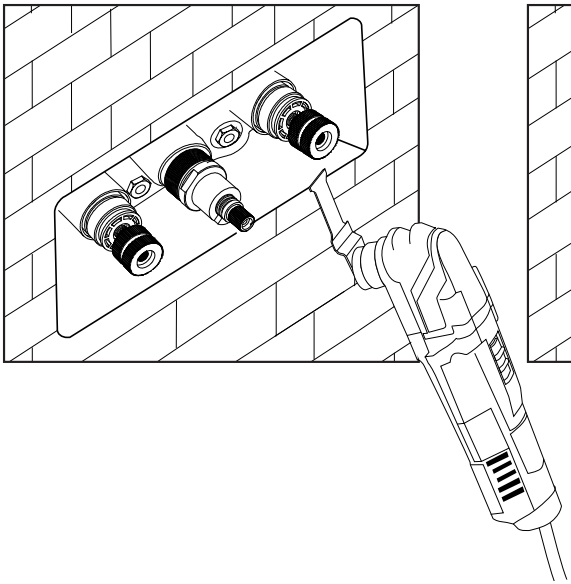


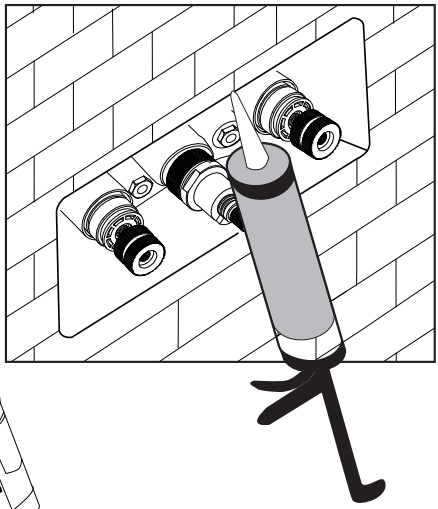
10. Replace the mortar guard and then fix the finished wall material in place ensuring to tile right up to the edge of plastic rim that surrounds the valve body.



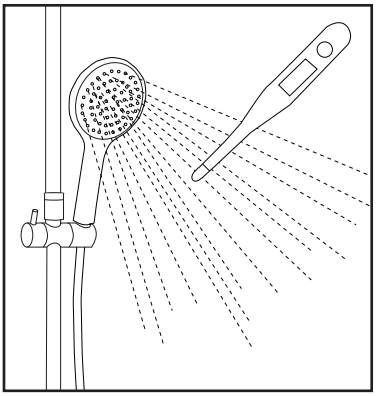
11. Remove the mortar guard and cut the rim of the valve body to ensure it is flush with the tiled surface.

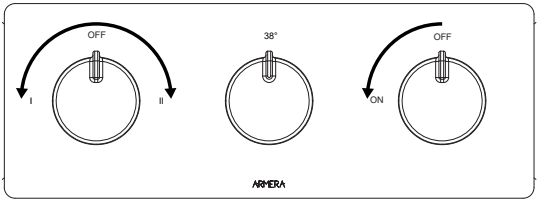
12. Seal the gap between the valve body and the tiles using silicone sealant. Ensure to seal completely around the perimeter of the valve body.





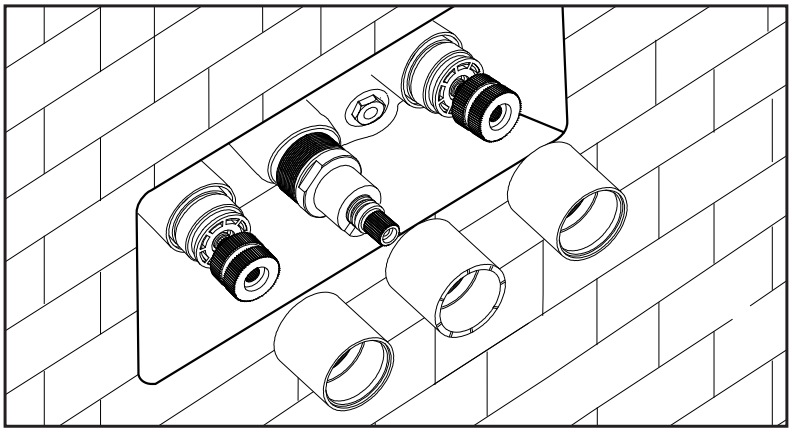
13. Turn on the water supply and test the water temperature from one of the outlets using a thermometer.



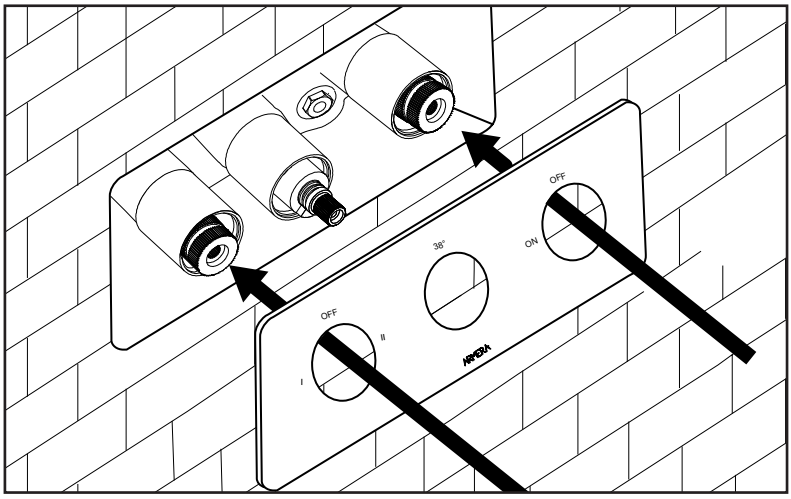


The valve has been calibrated so that 38°C is achieved with the thermostatic control handle positioned as in above diagram. If water temperature is higher or lower than 38°C, please follow the instructions for recalibrating the thermostat.

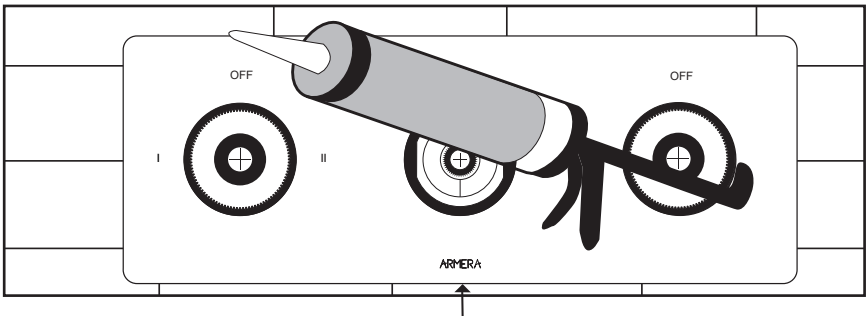
14. Screw the flow control shrouds and temperature control shroud onto the valve body.



15. Push the backplate onto the flow control and temperature control shrouds.

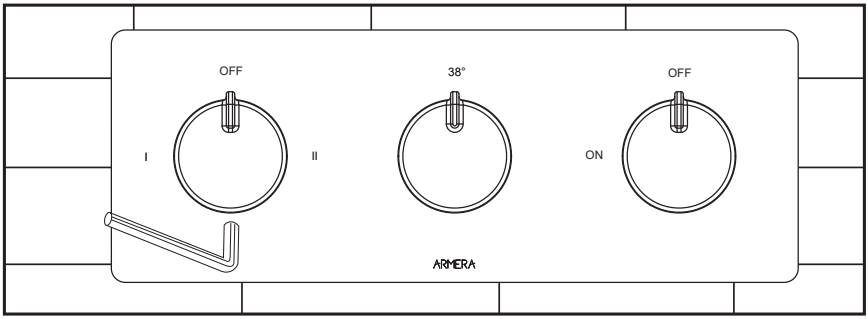


16. Seal the plate to the tiles using silicone sealant. Ensure to leave the channel at the bottom of the plate free of silicone. If a leak ever occurs in the valve, this channel will allow water to escape alerting you of a problem.

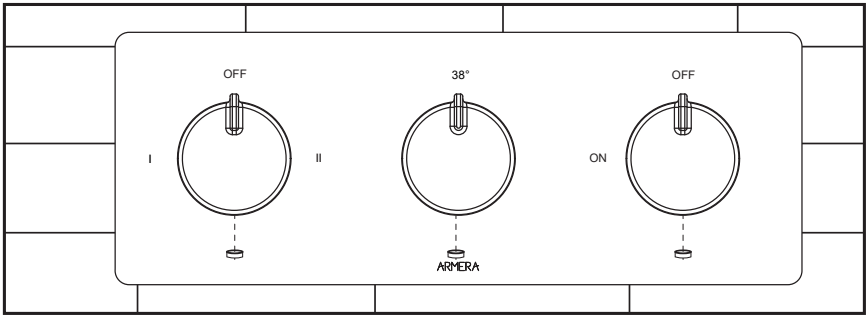


Leak detection channel
DO NOT BLOCK WITH SILICONE

15. Secure the handles in position by tightening the grub screws in the underside of each handle.

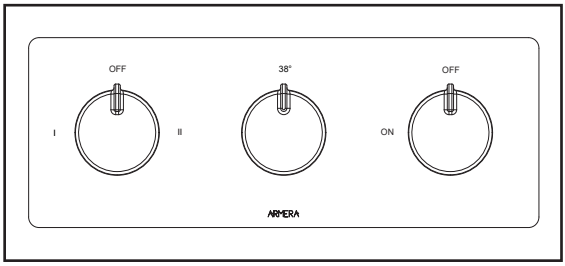


16. Insert grub screw covers.

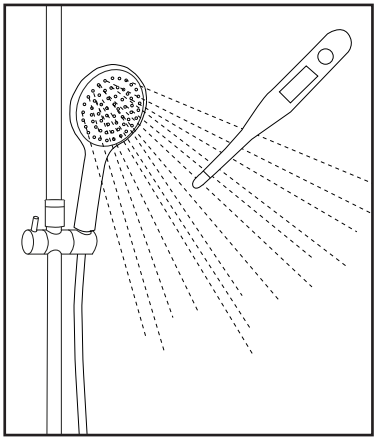


Calibrating the thermostatic control

1. Attach the handles but do not tighten the grub screw in the thermostatic handle.



2. Use a thermometer to test the water temperature from one of the outlets. Adjust the temperature by turning the temperature control handle clockwise or anti-clockwise until 38°C is achieved. Remove the handle and re-attach it so it is aligned as shown in figure 1.



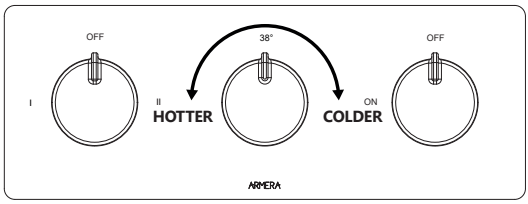


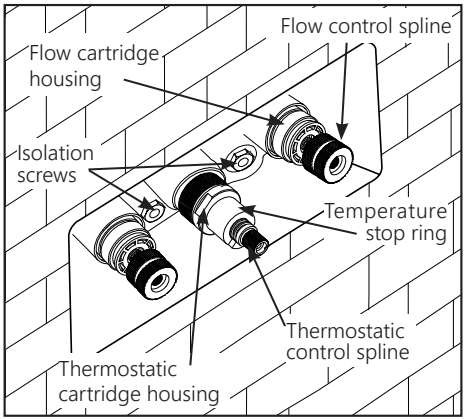
Figure 1.

Maintenance

We recommend that the flow cartridge and thermostatic cartridge are removed annually and checked for any signs of dirt or limescale. If dirt or limescale is found, the cartridge should be cleaned and all limescale removed.

To access flow cartridge and thermostatic cartridge

1. Remove handles, backplate, temperature control shroud and flow control shrouds.
2. Isolate the water supply by turning the isolation screws clockwise until each screw is tight.



3. Check that the water supply is isolated by turning on the flow controls. Please ensure to keep away from any water outlets as it is possible that water may still escape through the outlets if the valve is not properly isolated.
4. Remove the flow control splines, thermostatic control spline and temperature stop ring.
5. With the flow controls still open, turn the splined stem of the thermostatic cartridge fully clockwise to its stopping point. Next, turn it fully anti-clockwise to its stopping point. If no water escapes, you have successfully isolated the valve. If water continues to escape, isolation has failed and you will need to isolate the water supply elsewhere in the system before proceeding to step 6.
6. Use a spanner to unscrew the cartridge housing from the valve body. Cartridges can then be removed by pulling them out of the valve body.
7. Inspect cartridges and clean as necessary.

Contact Us

Should you need any assistance, please e-mail us at info@armera.co.uk or call 01225 251 204

Caring for your Armera product

We recommend only cleaning your product with a soft damp cloth. Please do not use any other cleaning products as they may damage the high quality finish of this product.

Guarantee

This ARMERA product is guaranteed against manufacturing defects. The cover period is from date of supply to the Armera customer and will last for 2 years for parts and labour. The parts guarantee can be extended to 15 years by registering your guarantee. To register your guarantee and review all guarantee conditions, please go to www.armera.co.uk

15 YEAR GUARANTEE