aqua4ma central

create the perfect wet room

for wet rooms you can trust

aqua4ma

by KUDOS

aqua4ma central

There is no doubt that wet rooms create a wonderful sense of space and style, but as we all know, appearances can be deceptive. Of course a good looking shower room is important but when you want protection and peace of mind, it's what's underneath the surface that really counts.

Benefits of installing aqua4ma central

- + Quick and easy to install
- + Suitable for use on timber or solid wall/floor areas
- + Minimal joinery required
- + No need to reduce height of floor joists or cut floorboards flush with adjoining wall
- + Suitable for standard 18mm and 22mm flooring
- + No taping or wet trades required so no drying time to factor in
- + Suitable for tile or vinyl flooring options
- + Suitable for use with underfloor heating
- + Easy replacement of damaged tiles without compromising the integrity of the system
- + Fixing screws can be simply driven through the panels. *(no washers or taping required.)*

KUDOS aqua4ma Wet Room System is a wet room solution that is British made, easy to fit and has the versatility to create the style you want and is guaranteed totally watertight… for life*.

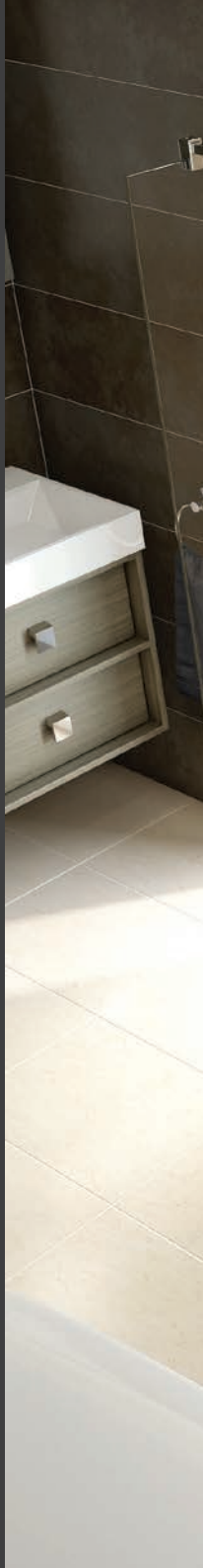
The system consists of a Shower Tray Pack, Floor / Wall and Skirting panels. All panels including the Shower Base are made from uPVC and are bonded together using the specially formulated KUDOS Solvent Weld to provide incredibly strong and watertight joints.

The uPVC material is light yet robust and can be cut, drilled and shaped using standard woodworking tools. There is no need to pilot hole for screw fixings, simply drive screws through the panels to floor and walls and the uPVC will grip and seal around the screw threads.

A LIFETIME OF QUALITY
KUDOS
LIFETIME GUARANTEE

BRITISH MADE IN
The Lake District

*Guarantee applies to material and manufacturing defects only.
See website for full Terms and Conditions



aqua4ma central shower tray pack

The aqua4ma central Shower Tray Pack includes all the elements needed to provide a strong, safe, reliable and watertight showering base. **Each pack consists of:**

Shower Base
The uPVC Pre-formed base allows water drainage down all 4 sides to the integrated waste. No pre-treatment is required as all bases are manufactured with a rough textured finish to give an excellent key for tile and vinyl adhesives.

Galvanised Metal Tray
Strong galvanised tray to accept shower base and is screw fixed to joists and floorboards.

Waste Unit
Tiled waste option and vinyl waste option available. Specifically designed by McAlpine, the waste unit fixes to the underside of the metal tray and can be rotated through 15° increments to assist in plumbing work. The top access trap has a removable dip tube for easy cleaning. Standard 50mm water seal designed to take 50mm/2" solvent weld waste pipe (not supplied).
Flow rates based on 15mm head of water:
Tiled option - 37 litres/min
Vinyl option - 33 litres/min

Grabber adhesive
Used to bond shower base to metal tray during installation.

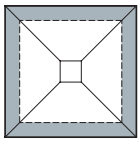
Packing pieces
4mm thick packing strips for fixing to joists when installing on 22mm thick floorboards.

Tray pack size options

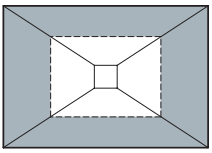
aqua4ma is now more flexible and versatile than ever. aqua4ma central Tray Packs are available in 5 standard sizes the base being trimmable for maximum versatility.

Bases can be cut to various shapes and sizes by trimming one, two, three or all four sides of the base sides up to the non-trimmable area, giving you the opportunity to create an infinite number of tray sizes to suit almost any bathroom requirement.

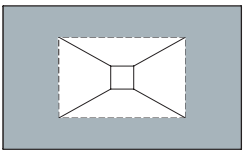
Trimmable area
Metal Tray area



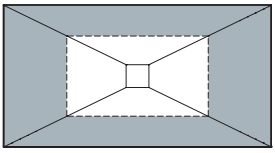
900 x 900mm
Metal tray 700 x 700mm
10mm base outer edge



1500 x 900mm
Metal tray 800 x 510mm
15mm base outer edge



1300 x 900mm
Metal tray 700 x 510mm
15mm base outer edge



1700 x 900mm
Metal tray 900 x 510mm
15mm base outer edge

aqua4ma panels

aqua4ma Panels

aqua4ma Panels are available in three different thicknesses, 10mm, 13mm and 15mm, to suit the relevant Shower base. Each supplied either in 2 or 3 panel packs. The panels measure 1200 x 800mm (approx) providing almost a square metre of coverage.

15mm panels are supplied with tongue and grooved edges to assist on installation. 10mm and 13mm panels are supplied square edged.

Please refer to the table below to calculate which panel thickness you require for floor.

aqua4ma Skirting

Available in 10mm and 15mm thicknesses aqua4ma Skirting measures 1200 x 150mm and are supplied in packs of four.

aqua4ma Panels and Skirting are both easily trimmable and can be fitted to both floor and walls by either screw fix method for timber floors and wall studwork or by applying cement based flexible tile adhesive to reverse of panels for solid floors and walls.

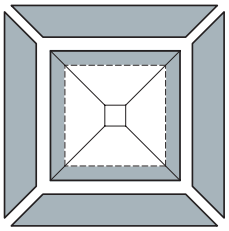
No pre-treatment is required as all panels are manufactured with a rough textured finish to give an excellent key for tile and vinyl adhesives.

aqua4ma Solvent Weld

aqua4ma Solvent Weld (sold separately) is supplied in 300ml tubes, suitable for 20 linear metres of joints or approximately four 1200 x 800 aqua4ma Panels and is applied using a standard 'silicone gun'.

This specially formulated solvent provides an incredibly strong and watertight joint to all uPVC panels and Shower base.

Trimming the bases offers greater flexibility



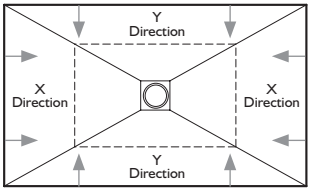
1300 x 1300mm:
Made up of 900 x 900 base plus 4 x 200 mitred extension pieces.
Metal tray 700 x 700mm
15mm base outer edge

Shower base - Trimmable details

All shower bases feature printed guidelines. If necessary, trim to these guidelines (or in between guidelines and following diagonal lines) to ensure both waste symmetry and equal thickness around all 4 edges.

The bases can also be trimmed on one, two or three sides - any cut side(s) should be placed against a wall to ensure the outer uncut side(s) retaining the same edge thickness, face into the room.

Please refer to table shown to calculate the reduction in edge thickness dependent on amount trimmed on each side.



Shower Tray Size	Reduction in outer edge thickness for every 10mm trim	
	X	Y
900 x 900	0.25mm	0.25mm
1300 x 1300	0.25mm	0.25mm
1300 x 900	0.25mm	0.37mm
1500 x 900	0.20mm	0.37mm
1700 x 900	0.18mm	0.37mm

Key installation stages

1.

Place shower base in required position against wall/s and mark position of centre waste hole onto flooring. Remove base and position metal tray ensuring waste hole is centred over marked position. Mark corners of tray onto flooring. Measure and draw lines inside of marked corners, this is the area of flooring to be removed.

2.

Using circular saw, saw depth to suit floor thickness and remove the area of floorboards. Connect waste body using 50mm/2" solvent weld waste pipe (not supplied), ensuring waste body is positioned to centre of the cut-out. Screw fix 4" x 2" (100 x 50mm) timbers (not supplied) to underside of flooring to strengthen the edges of the cut-out.

3.

Mark centre lines of exposed joists onto flooring. Insert metal tray into cut-out and transfer drawn lines onto tray. Drill and countersink two holes per joist through metal tray to suit csk-head wood screws (not supplied). Screw metal tray into position.

4.

Apply beads of KUDOS Grabber Adhesive to base of metal tray and the 4 outer flanges as shown. Carefully position shower base into position and stand on it to ensure it is fully bedded down onto tray and floor. Secure in place by using drywall screws (not supplied) around the perimeter at 150mm centres ensuring these avoid the metal tray underneath.

5.

Using KUDOS Solvent Weld, apply a continuous bead to the edge of the shower base, as shown. Lay the first aqua4ma panel up to the edge of the base applying pressure to ensure the panel is fitted firmly against the base edge. Secure the panel in place using drywall screws at 150mm centres, then wipe clean surplus solvent weld. Joints should be staggered, as shown to help strengthen the overall assembly.

Full installation instructions can be downloaded from our website at www.kudosshowers.co.uk

6.

Apply a continuous bead of solvent weld to the edge of the shower base, as shown. lay the first panel onto base and against the wall applying pressure to ensure the panel is fitted firmly against the base. Secure the panel in place using drywall screws at approx. 150mm centres into the stud-work, then wipe clean surplus solvent weld.

Panels can be fixed to solid walls, eg. brickwork or blockwork, by applying a cement based flexible tile adhesive (NOT READY MIXED) to the back of the panels using a deep notched trowel.

Avoiding joists or pipes

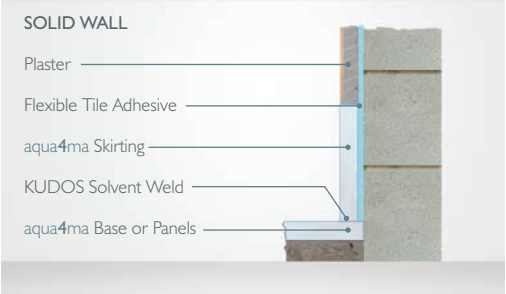
Avoiding joists or pipes under the floorboards is easy with aqua4ma.

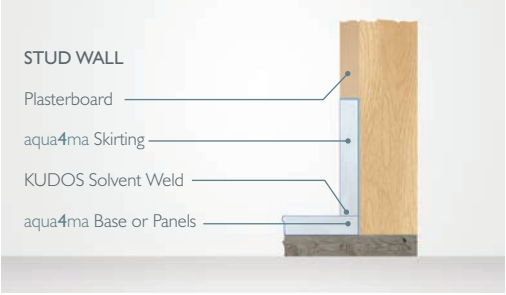
If the base position results in the waste being over a joist you can either trim the base then re-position against wall/s or offset the base away from the relevant wall and fill the gap using aqua4ma panel.

Installing panels & skirting

To achieve a flush finish to existing wall surface, plasterboard/plaster must be removed then panels & skirting are fitted to studwork/solid wall flush to wall surface. Shower base must be positioned to studwork/solid wall so that panels and skirting can be solvent welded to top of this.

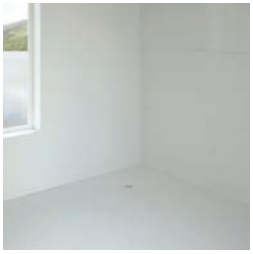
Plasterboard/plaster to be removed and skirting panels fitted ensuring these are flush with the wall surface. Solvent weld all joints.





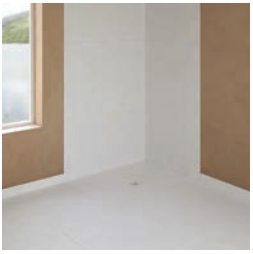
Installing aqua4ma to meet your needs

aqua4ma's incredible versatility ensures you can create a wet room to suit your needs. How you install the aqua4ma Skirting, Floor / Wall Panels is only limited by the type of installation you want to make.



FULL ROOM INSTALLATION

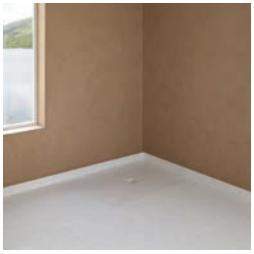
Entire floor and all walls are covered with the appropriate aqua4ma Panels.



SHOWER AREA INSTALLATION

Entire floor plus walls within the shower area are covered using the appropriate aqua4ma Panels.

The remainder of the walls are fitted with aqua4ma Skirting Panels.



FLOOR & SKIRTING INSTALLATION

Entire floor is covered using the appropriate aqua4ma Panels. The walls are fitted with aqua4ma Skirting Panels.

SHOWER TRAY PACK AND SKIRTING INSTALLATION

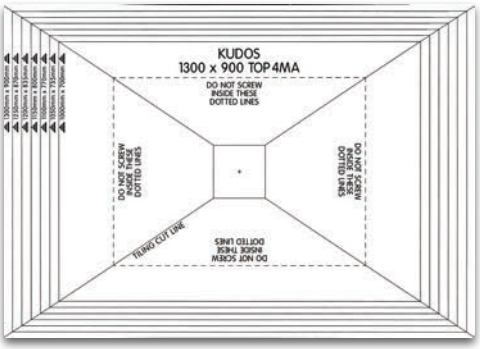
This installation incorporates the aqua4ma central Shower Tray Pack plus Skirting to the showering area only.

Remaining floor area must be built up to the same level as aqua4ma Base.

Note: Guarantee of water tightness applies only to where the aqua4ma product has been installed.

TILING SHOWER BASES

All aqua4ma central Bases have cutting and tiling guides printed on the surface. Tiles should be cut to follow the lines from the corner of the waste to the corner of the tray to ensure correct drainage.



Small mosaic tiles will naturally follow the built-in gradient of the shower base.

Standard waste option for tiled floors

Vinyl waste option for vinyl floor coverings

aqua4ma central Shower Tray Packs - for Tiled surfaces

Each pack consists of shower base, metal tray, grabber adhesive & tile waste unit.

Description	Product Code	Price inc VAT
900 x 900mm Pack	WR900	£555
1300 x 1300mm Pack includes extension pieces*	WR1300	£764
1300 x 900mm Pack	WR13900	£687
1500 x 900mm Pack	WR15900	£708
1700 x 900mm Pack	WR17900	£720

aqua4ma central Shower Tray Packs - for Vinyl surfaces

Each pack consists of shower base, metal tray, grabber adhesive & vinyl waste unit.

Description	Product Code	Price inc VAT
900 x 900mm Pack	WR900V	£555
1300 x 1300mm Pack includes extension pieces*	WR1300V	£764
1300 x 900mm Pack	WR13900V	£687
1500 x 900mm Pack	WR15900V	£708
1700 x 900mm Pack	WR17900V	£720

aqua4ma Panel Packs

Description	Product Code	Price inc VAT
1200 x 800 x 10mm Pack of 2 panels	WRAQ102	£97
1200 x 800 x 10mm Pack of 3 panels	WRAQ103	£137
1200 x 800 x 13mm Pack of 2 panels	WRAQ132	£121
1200 x 800 x 13mm Pack of 3 panels	WRAQ133	£176
1200 x 800 x 15mm Pack of 2 panels	WRAQ152	£127
1200 x 800 x 15mm Pack of 3 panels	WRAQ153	£182

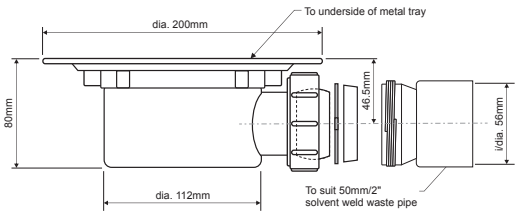
aqua4ma Skirting Packs

Description	Product Code	Price inc VAT
1200 x 150 x 10mm Pack of 4 lengths	WRAQSK102	£54
1200 x 150 x 15mm Pack of 4 lengths	WRAQSK152	£66

aqua4ma Fixings

Description	Product Code	Price inc VAT
Solvent Weld 300ml tube	WRSW	£14

*1300 x 1300mm packs include solvent weld.



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