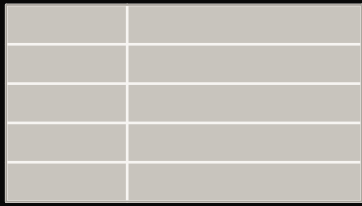


TECHNICAL DATA SHEET

IMPACTPRO® CALYX

Grout-free tile-effect hygienic wall cladding



IMPACTPRO® CALYX is decorative tile-effect hygienic wall cladding made from a single solid semi-rigid PVC-U sheet. It is digitally printed, precision CNC engraved and protected by a clear antimicrobial matt hard coating, creating a tiled appearance without separate tiles or porous grout.

Description

Material	Solid semi-rigid PVC-U
Surface	Printed, engraved and clear matt hard coated
Thickness	2.5mm
Sheet size	2440 × 1220mm
Coverage	Approximately 2.98m ² per sheet
Maximum service temperature	60°C

Fixing

Fully bond to a sound, dry, smooth, clean and level substrate using an approved compatible polyurethane or MS polymer wall-cladding adhesive. Apply a continuous bed with a 4mm notched trowel; do not spot-bond.

Cutting

Support fully and cut face-up with a suitable fine-toothed saw, plastics blade or high-speed TCT router. Trial-cut an offcut first and remove burrs without damaging the face.

Jointing

Use the approved project jointing method and dry-fit every sheet before applying adhesive. Maintain engraved-pattern alignment. Where a sealed joint is specified, apply the approved compatible sanitary sealant continuously.

Internal and external corners

CALYX cannot be thermoformed. Use compatible trims or an approved project detail and seal required interfaces continuously.

Cleaning

Use a soft cloth or non-abrasive pad with diluted compatible neutral detergent. Do not use abrasives, wire wool, sharp scrapers or unapproved solvents. Do not clean above 60°C.

Storage and conditioning

Store flat, clean, dry and fully supported. Condition in the installation area for at least 24 hours at 14°C to 22°C. Do not store outside or in direct sunlight.

PERFORMANCE AND USE

Performance, use and technical data

Limitations of use

Maximum service temperature is 60°C. Do not expose to higher temperatures, naked flames or unprotected direct heat. The printed, engraved and hard-coated sheet must not be thermoformed. Confirm substrate, adhesive, sealant, trims and joints for the project environment before installation.

Typical applications

- Bathrooms, shower rooms and washrooms
- Changing, leisure and hospitality facilities
- Healthcare, care and education environments
- Design-led commercial interiors

Technical data

Property	Standard / basis	Declared value
Product type	-	Solid semi-rigid PVC-U wall-cladding sheet
Surface finish	-	Digitally printed, precision CNC engraved and clear antimicrobial matt hard coated
Standard sheet size	-	2440 × 1220mm
Thickness	-	2.5mm
Nominal sheet coverage	Calculated	Approximately 2.98m ²
Standard colour	-	Mineral Grey; alternative colours on request
Pattern options	-	Stacked Metro, Herringbone, Hexagon, Chevron and KitKat
Maximum service temperature	-	60°C
Hardness	ISO 868	Shore D 76
Reaction to fire	EN 13501-1	B-s3,d0
Installation method	-	Fully bonded using an approved compatible polyurethane or MS polymer adhesive
Recommended adhesive trowel	-	4mm notched trowel
Movement allowance	Installation requirement	2mm at perimeters, penetrations and abutments unless an approved project detail states otherwise
Corner forming	-	Not suitable for thermoforming; use compatible trims or approved corner details

TEST DATA AND CERTIFICATES

Only the values stated in this technical data sheet form part of the current CALYX declaration. Additional base-sheet or system test information may be available on request and must be confirmed in writing for the intended specification.

Technical support

For samples, current certificates, specification assistance or installation advice, contact Impact Group UK.

0800 669 6306

hello@impactgroupuk.com

impactgroupuk.com/impactpro-calyx-tile-effect



Scan for current CALYX product information