

Polarex Wall Armour

Technical Specification Sheet

Finish	Satin
Thickness	2mm
Size	3050mm x 1220mm
Max Temp.	60°C
Weight	3.5kg per m ²

Suitable Substrates

12.5mm plasterboard, mechanically fixed plywood, sand and cement rendering 1:3 with steel trowel finish, dust free good quality fair faced brick or blockwork, ceramic tiles which are securely bonded to substrate and degreased, 9mm (minimum) W.B.P resin bonded to substrate.

Method of Fixing

Sheets are fully bonded to suitable substrate with trowel applied Polarex 2-Part Adhesive.

Cutting

Fine toothed blade jigsaw or circular saw with fine TCT sawblade whilst sheet is supported.

Joints

Sheets can be sealed by hot welding providing a seamless finish or joined with matching PVC trims.

Between Sheets and Floor

Sheets can be overlaid or trim fixed to a vinyl flooring system.

Internal/External Corners

Polarex Wall Armour Sheets can be thermoformed to provide a seamless finish or joined using matching PVC External and Internal Corners.

Cleaning

Regular hot soapy water is sufficient for regular cleaning and a mild cleaning product is suitable. DO NOT USE abrasive cleaners. Steam Cleaning can be introduced to stubborn stains. Mild solvents may also be used but under 60°C and power hosed no closer than 600mm

Chemical Resistance

Polarex Wall Armour is resistant to a wide range of chemicals found within the medical, healthcare and food production industries.

Fire Ratings

UK – BS 476 Part 6 and Part 7 Class 1/0.



Product Regulation

Polarex Wall Armour contains silver phosphate glass antimicrobial technology to preserve and prevent degradation caused by microbial growth. Certified by ECHA, FDA, EPA and is BDR compliant. Antimicrobial is an additional line of defence beyond antimicrobial with the power to kill fungi, microbes and protozoans as well as bacteria. Polarex Wall Armour antimicrobial additive is HACCP certified.

Warranty / Guarantees

Product 20 year warranty. Lifetime warranty on antimicrobial protection.

Storage

Sheets to be stored flat and left at ambient room temperature for 24 hours. Minimum temperature 13°C. Maximum Temperature 40°C. Avoid direct sunlight whilst storing.

Limitations of Use

Maximum temperature of 60°C. Sheets can NOT be used near naked flame. Full technical information and consultation available from our technical department.

Colours

Select as required – PC037 Overcast, PC038 Iron, PC039 Turtle Shell, PC040 Colbalt, PC041 Sapphire, PC042 Pumice, PC043 Dolomite.

