

# Polyclad Pro

Tough, durable and low maintenance PVC wall and ceiling cladding, with subtle marbleisation. Welded Polyclad Pro PU creates an impervious, continuous surface which offers no sanctuary to dirt and bacteria and will not shed dust. Developed specifically to meet the advanced requirements of today's medical, science and electronics industries. Polyclad Pro PU is suitable for use in cleanrooms, semi-conductor manufacture, precision machinery manufacture, the pharmaceuticals industry, food processing plants and any area where hygiene is important. It is recommended that Polyclad Pro PU is used in conjunction with the Polyflor range of vinyl floorcoverings.



## PRODUCT SPECIFICATION



- The wall and ceiling cladding shall be Polyclad Pro PU, as manufactured by Polyflor Ltd of Manchester, England
- The wall and ceiling cladding shall be flexible PVC sheeting in 1.25mm thickness
- It shall be homogeneous and monolayer in construction and shall be manufactured by calendaring and pressing, to ensure a dense and smooth surface



- In respect of flamespread, the cladding shall have been fully tested to EN 13501-1 by an independent test house and in relation to its reaction to fire behaviour is classified Bs2d0\*  
\*these results are achieved on plasterboard attached with an acrylic based adhesive
- The cladding must be tested to AS/NZS 3837 and achieve a Group classification of 1
- When tested to ISO 5660 in accordance with NZBC (New Zealand Building Code) the product shall achieve Group Number Classification 1-S and with NCC (National Construction Code) achieve Group Number Classification 1.
- A Class A result should be achieved when tested to ASTM E84
- The product shall achieve class A when tested to ASTM F51/68
- Suitable for clean room use to ISO 14644-1 Class 4
- In respect of light fastness, the cladding material shall have been fully tested to ISO 105-B02 Method 3 as having a pass to ≥6



- The manufacturer should provide a facility to take back and recycle waste vinyl wallcovering material through the Recofloor scheme
- The wall and ceiling cladding shall be tested to and pass, key independent, international standards for low VOC emissions



- The manufacturer of the wall and ceiling cladding must be in possession of a valid quality systems certificate, showing compliance with BS EN ISO 9001
- The manufacturer of the wall and ceiling cladding must be in possession of a valid environmental certificate showing compliance with ISO 14001



- Walls and ceilings must be clean, dry, flat and dust-free to a level consistent with the application of a flexible PVC cladding material
- Plaster and plasterboard are ideal substrates and the product must be adhered using an acrylic based adhesive, strictly in accordance with the instructions of Polyflor
- The acrylic based adhesive must be approved by Polyflor to ensure full product compatibility
- Polyclad Pro PU has been designed alongside the Polyflor Easyclad installation system
- The Polyflor Ejecta range of accessories are PVC extrusions designed for use with Polyclad Pro PU
- All joints must be welded to produce hygienic, continuous surfaces



- For clarification and for information regarding handling and installation, adhesives, maintenance, applications, chemical resistance, product warranty and the Easyclad Installation Frame, consult Polyflor Customer Technical Services on +44 (0)161 767 1912 or email tech@polyflor.com
- At the date of issue the data presented is correct. However Polyflor Ltd reserve the right to make changes which do not adversely affect performance or quality



EN 15102