



- The wall cladding shall be Polyclad PU, as manufactured by Polyflor Ltd. of Manchester, England.
- The wall cladding shall be flexible PVC sheeting in 1.25mm thickness.
- It shall be homogeneous and monolayer in construction.



- In respect of flamespread, the cladding shall have been fully tested to BS 476: Part 6 by an independent test house and have a fire propagation index I of less than 12 and a subindex i, of less than 6.\* When tested in accordance with BS 476: Part 7 by an independent test house, the cladding must be certified as being not less than Class 1.\*
  - The cladding must have been tested for flamespread and smoke emission to ASTM E648 and be certified as being not less than Class 1.
  - Suitable for clean room use to ISO 14644-1 Class 4. Classified as Class A - 'non-shedding' to ASTM F51/68.
  - 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.
- \* These results are achieved using Treadfast 108 or Laybond 77, (both are Polyflor approved adhesives) and a plasterboard. This combination of Polyclad PU, adhesive and substrate meets the Class 0 requirement of Part B of the UK Building Regulations.



- The manufacturer of the wall cladding must be in possession of a valid quality systems certificate, showing compliance with BS EN ISO 9001: 2000.
- The manufacturer of the wall cladding must be in possession of a valid environmental certificate showing compliance with ISO 14001.



- Walls must be clean, dry, flat and dust-free, to a level consistent with the application of a flexible PVC cladding material.
- The product must be adhered using either Treadfast 108 or Laybond 77 adhesives, strictly in accordance with the instructions of Polyflor.
- The adhesive used must be approved by Polyflor to ensure full product compatibility.
- All joints must be welded.



- Polyclad PU is suitable for use in clean rooms, semi-conductor manufacture, precision machinery manufacture, the pharmaceuticals industry, food processing plants and any area where hygiene, low maintenance and economy are important. It is recommended that Polyclad PU be used in conjunction with the Polyflor range of vinyl floorcoverings. For further information and advice on specific applications, 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.

POLYFLOR  
**POLYCLAD** 

WALL CLADDING

PRODUCT SPECIFICATION

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FLOORING



**POLYFLOR**<sup>TM</sup>  
COVERING THE WORLD