



PLATON PLASTER BASE

Platon PLASTER BASE is a High-Density Polyethylene membrane for plastering directly onto. The unique patented undercut stud is a dovetail shape, which forms a key to most common plasters, renders and dab adhesive for dot and dab board installation. **Platon PLASTER BASE** does not have any mesh or fabric on its surface, which makes cutting and fixing faster and easier.

Platon PLASTER BASE is for use above or below ground and can be fixed directly to existing wall finishes without the need of extensive "hacking off" or preparation.

BENEFITS OF PLASTER BASE

- No extensive preparation of structure.
- Water can be directed behind the membrane to conventional drainage or a sump and pump.
- Ingress of water is controlled within the system and not diverted to other areas.
- Complete freedom of choice of wall finishes.
- Quick and easy to install.
- Impermeable to water and water vapour.

THE PRODUCT

Platon PLASTER BASE is manufactured from high-density polyethylene with a stud height of 5mm. Plaster Base is supplied in rolls 2m x 20m and is clear/translucent in colour. It is recommended only for internal applications.

PRODUCT AND APPLICATION

Platon PLASTER BASE can be applied onto existing solid wall finishes. All surfaces must be of a sound, firm nature and any loose areas should be removed prior to application. Any voids or hollow areas should be filled or dubbed out prior to application. Where necessary a fungicide wash should be applied to the wall surface. **Platon PLASTER BASE** can be used above or below ground in either a ventilated or sealed system. **Platon PLASTER BASE** is compatible with other Platon membranes. **Platon PLASTER BASE** should not be used on floors.

During installation care must be taken to ensure that sufficient fixings are used, "minimum 13/m²" in a diamond pattern. The 8mm diameter Plaster Plug should be drilled in the spacing between 4 studs, not through the stud itself. In below ground situations Platon Sealing Rope must be placed behind the head of the Plaster plug to form a waterproof seal, whereas in an above ground applications (not subject to penetrating dampness) Platon Sealing Rope need not be placed behind the head of the Plaster plug. The **Platon PLASTER BASE** must be fitted tight against the structure with no voids or hollow areas left between the wall and the membrane as this could cause bonding problems between the membrane and the plaster/render. Care should be taken at corners to ensure the membrane is fitted tightly into the corner so to avoid snagging or tearing with a trowel.

Platon PLASTER BASE is joined by overlapping by a minimum of 2 studs. Fix Platon Plaster Plugs through the studs as close as possible to the edge of the membrane. Fixings should be made at 150mm centres along the joint. Once all fixings are in place, clean membrane surface thoroughly and ensure it is dry and free from dust. Apply Platon Overtape along the joint with equal overlaps onto each sheet of membrane and press firmly into place.

FINISHES

Most common lightweight and renovating plasters (Tilcon Whitewall) or sand/cement renders can be applied to **Platon PLASTER BASE**. (The use of British Gypsum Hardwall or Tuff Coat is not recommended).

When using sand/cement renders, mixes of 1 part cement to 6 parts washed plastering sand, incorporating either Triton SBR or hydrated lime should be used. **NB** Grade 'M'; medium sharp sand should be used. **Do not use soft or building sand.**

All renders/plasters should be applied in a minimum of two coats, allowing the 1st coat of 7mm – 10mm to be trowelled firmly into the membrane studs and then scratched to provide a key for subsequent coats to be applied. The first scratch coat should be left to cure and harden. Ideally this should be 7 – 10 days depending on site & atmospheric conditions. The minimum plaster thickness should be 15mm and the maximum thickness (sand/cement 30mm) (lightweight plasters 40mm).

* Dot N Dab Plaster Board – Dab adhesive to be located centrally in plug "Diamond".



DRAINAGE

If free water is present or there is a risk of it occurring, provision must be allowed for water to flow to natural drainage or a sump and pump. (*BS8102*)

System Platon Membranes do not involve the use of any chemicals or associated procedures covered by COSHH regulations. It is safe to use in all circumstances and has no effect on rooms or other properties adjoining the area where it is being installed.

NBS Specification: J40 290 (Flexible sheet tanking, damp proofing)

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