

### Permaflor1 Pedestal Adhesive

Single Component Polyurethane Pedestal Adhesive

**Permaflor1 is a single component, zero VOC, solvent free, moisture curing polyurethane system specially formulated for fixing pedestals used in access flooring. When cured, Permaflor1 has excellent adhesion to concrete and other surfaces and to most materials likely to be used in the access flooring industry.**

Permaflor1 is particularly suited to use in the bonding of metal pedestals to concrete floors. It is flexible and does not foam excessively during application giving a more solid feel than products that need to foam in order to gap-fill. Permaflor1 can be used on substrates between -5°C and 35°C but should not be applied to wet or frosty surfaces. Full cure may take up to one week in cold temperatures.

<b>Chemical Base</b>	Polyurethane
<b>Viscosity</b>	50000 max (stirred) cPs at 25°C
<b>Specific Gravity</b>	1.3 – 1.4
<b>Solids</b>	100%
<b>Flammability</b>	Flash point >200 (closed cup)
<b>Colour</b>	Grey
<b>Packaging</b>	9kg metal pail
<b>Application Temperature</b>	Between -5°C and 35°C
<b>Coverage</b>	When used correctly a typical rate of 220 to 240 pedestals per 9.000kg Unit should be expected (please note that the coverage rate may vary with different substrates and application methods).
<b>Substrate Preparation</b>	All surfaces should be free of contamination by dust, grease, oils or release agents. Some metals (untreated aluminium or galvanised steel) may require priming to achieve a satisfactory permanent bond. Untreated concrete should be mature and free from excessive dust. When bonding to old primed or painted concrete, check the adhesion of such a coating to concrete, ensure it is sufficient for further bonding of pedestals.

Permaflor 1 is classified as harmful by inhalation but is not classed as hazardous for transportation.

Good standards of industrial hygiene should be observed when handling the material. The use of protective gloves is highly recommended and users should consider the use of goggles if splashing during mixing is a possibility.

The recommendations made in the Health and Safety data sheet for this product should be observed at all times.



#### Application

Permaflor1 needs no mixing or stirring and can be spread using a knife or squeegee or, more often, by dipping the pedestal into the mix. The rheology of the product is designed to allow the correct amount, for a relatively flat floor, to be held on the pedestal when used in this manner. The material remains in a mobile, liquid form for approximately 4-5 hours, after which the material sets into a soft solid, getting progressively harder over a period of a few days. Tubs can be re-sealed. Any skin formed should be removed. Product under the skin will be perfectly fit for use.



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