

# Technical Data Sheet

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## PSBS PAVING SAND BINDER SYSTEM (Previously known as Pavseel)

**GENERIC TYPE:** Elastomeric moisture cured polymer in solvent.

- PROPERTIES / FEATURES:**
- PSBS is a clear, low viscosity liquid intended to bind particles of jointing sand to themselves and to the block paving.
  - Binds joint sand together and (to a lesser degree) provides some paver surface sealing.
  - PSBS cures and forms a water resistant bond and will improve resistance to a wide range of chemicals; including oils, fuel and de-icing chemicals.
  - PSBS will help to prevent the growth of weeds between pavers; particularly if applied to freshly laid pavers.
  - PSBS will help to prevent the erosion of jointing sand by agents such as aircraft jet engine blast, sweepers, flooding and water washing.
  - PSBS is absorbed into the surface of the blocks thus significantly reducing surface dusting.
  - SG: 0.93 to 25°C
  - Viscosity: Very thin liquid.
  - Colour: Clear pale liquid

**SUGGESTED USES:** As an in situ bonding of joints in block paving.

- NOT RECOMMENDED:**
- Application below + 5°C.
  - Application to damp surfaces.
  - To leave surplus PSBS material on surface block paving.
  - Take great care or do not use when waterproofing sheet membranes are present under the blocks. The solvent may attack the membrane.
  - Do not attempt to over-seal the pavers until at least 6 months has elapsed.

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**APPLICATION METHOD:**

1. **MIXING**

***Immediately prior*** to use, mix equal quantities of M7 Polyurethane and Solvent HA and mix slowly until uniform (eg: 10Lt M7 plus 10Lt Solvent HA).

For large quantities Nuplex may supply the PSBS ready for use.

2. **APPLICATION**

Preferably apply by using a rubber squeegee, otherwise use a short nap roller suitable for solvent use. Apply evenly. Do not allow to puddle.

The aim is to soak into the sand joints. The sanded joints should hold together after curing and form a solid unit.

Coating of the pavers is very secondary.

**COVERAGE RATES:**

- This will depend on such factors as the porosity of pavers and size of joints.
- Average coverage 55 – 60m<sup>2</sup> per 20 litre per coat.

**THINNING:**

Thinning of PSBS is **NOT** recommended.

**DRY TIME:**

Touch: 1 – 3 hours approximately

**FINAL CURE:**

12 – 24 hours approximately

**CLEAN UP:**

Solvent HA

**SHELF LIFE:**

6 months if containers have not been opened or damaged.

**PACKAGING:**

- 20 litre metal containers
- 200 litre metal drums (special orders only)

**FLASH POINT:**

43°C

**NZ DANGEROUS GOODS CLASS:**

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