Flexseal PS660 Method Statement
(High performance two component polysulphide civil sealant)

Section A : General Comments

Equipment

It is suggested that the following list of equipment is adopted as a minimum requirement:

Protective clothing	:	*Protective overalls*
	:	*Good quality gloves, goggles and face mask*
Mixing equipment	:	*Drill fitted with paddle*
	:	*Small brush*
Application equipment	:	*Flex barrel gun*
	:	*Heavy duty follower plate*
	:	*Tape*

Section B : Application

1.0 Joint Preparation

1.1 The joint sides to which **Flexseal PS660** is bonded must be clean, dry, and free from all contamination using appropriate Flex cleaner.

2.0 Priming

2.1 For application over porous surfaces, **Flexprime PS100** is recommended to be used to prime the surface.

2.2 Mix the two components of **Flexprime PS100** until a homogeneous liquid is achieved.

2.3 Using a small brush, apply one thin coat at the joint sides and avoid over priming. It is recommended to apply the mixed **Flexseal PS660** while the primer is still wet or tacky.

2.4 For application over non-porous, highly dense cementitious surfaces (i.e Cempatch S), it is recommended to roughen the surface using sand paper, vacuum/clean the substrate well and use **Flexprime Universal** to prime the surface. **Flexseal PS660 GG** should be applied while the primer is tacky.

*Note: **Flexseal PS660 PG** is not recommended for use over non-porous, highly dense cementitious surfaces (i.e Cempatch S), for such substrates **Flexprime PS660 GG** is recommended.*

3.0 Mixing

3.1 Gun Grade:

3.1.1 Mix the two components of **Flexseal PS660** thoroughly using a slow-speed drill fitted with an appropriate paddle, for 3 minutes.

3.1.2 Scrub the bottom and sides of the tin with a suitable tool so that no unmixed materials are left and mix again for 2 minutes.

3.2 Pouring Grade:

3.2.1 Pour the curing agent into the base tin and mix thoroughly using a slow-speed drill fitted with the appropriate paddle, for 3 minutes.

3.2.2 Scrub the bottom and sides of the tin with a suitable tool so that no unmixed materials are left and mix again for 2 minutes.

4.0 Application

4.1 Fill in the mixed sealant into the Barrel Gun using a heavy-duty follower plate.

4.2 The barrel of the gun is placed over the hole in the centre of the plate. Apply steady downward pressure and drawl of the plunger rod resulting in the barrel of the gun being filled.

4.3 The sealant should be extruded firmly into the joint by maintaining an even pressure on the trigger of the gun.

Note: To obtain a neat joint finish, apply masking tape on the top of the joint sides before applying the primer or the sealant.

4.4 With the joint shaping tool wetted with diluted detergent solution, compress and smooth the sealant.

4.5 Once smoothing is finished, **immediately** remove the masking tape.

5.0 Cleaning

5.1 Clean all equipment **immediately** after use with a suitable solvent.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Flexseal PS660**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to DCP for approval, in writing, prior to commencement of any work. DCP will not accept responsibility or liability for variations to the above method statement under any other condition.