

## Tilt Slab Coating Systems

Tilt slab construction is a very popular in modern New Zealand construction. Nuplex recommended the following tilt slab coating specification.

### Smooth Finish

1. Nuplex pigmented solvent sealer: one coat @ 6m<sup>2</sup> / Lt (50micron)
2. Nuplex Flexiglaze (to colour)(semigloss or Low sheen): 1st coat @ 8m<sup>2</sup>/Lt (50 micron)
3. Nuplex Flexiglaze (to colour)(semigloss or Low sheen): 2nd coat @ 8m<sup>2</sup>/Lt (50 micron)

Total dry film thickness: 150 micron

### Roller Texture finish

1. Nuplex pigmented solvent sealer: one coat @ 6m<sup>2</sup> / Lt (50micron)
2. Nuplex Surfaglaze Basecoat (to colour)(Flat): one coat @ 4m<sup>2</sup>/Lt (100 micron)  
Apply with roller texture
3. Nuplex Flexiglaze (to colour)(semigloss or Low sheen): one coat @ 6m<sup>2</sup>/Lt (70 micron)

Total dry film thickness: 220 micron

### Features of the system

1. Pigmented solvent sealer gives excellent penetration into dense tilt slab. This provides the basis for excellent adhesion and hence long term durability .
2. Flexiglaze is available in semigloss and low sheen in a full colour range
3. Flexiglaze is a high quality coating with good flexibility, adhesion, colourfastness and durability.
4. Some suppliers recommend water based primer of sealers. Nuplex do not. Pigmented solvent sealer gives superior penetration on both wet and dry slab, moisture displacement and adhesion. The chances of blistering or flaking is very low.
5. Pigmented solvent sealer gives superior adhesion on residual traces of release agents or bond breakers.



For the **repair of blow holes** in concrete tilt slab, use one of the following:

1. Cement based Smoothex
2. Nuplex Fairing Cream epoxy, grey or beige

This bulletin must be read in conjunction with relevant tech data sheets and Nuplex specifications. Take care with form release agents. Contact Nuplex for specific advice or detailed specification.