



Fluid Containment Leaders

# Abrasive Blasting

*Details of field of expertise of Shield Technology:*

## Surface Preparation of Concrete and Steel

Shield Technology provides abrasive blasting and high build epoxy restoration services for preparation of surfaces to be coated.

For difficult access areas, the use of an 8,000 psi pressure washer coupled with in-line addition of abrasive media can be utilised. When the demand is for removal of failed existing coatings, more aggressive profile requirements and larger areas, these are best prepared with blast pot and compressor.

### Suppliers

**SPITWATER**

**ONTRAK**

**MASTERFIELD**  
Industrial Equipment





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## **Surface Preparation of Concrete and Steel**

Guaranteed coating adhesion starts with an appropriate surface profile. Whilst a lesser specification may be appealing to client and or contractor from a cost perspective, the short term savings invariably lead to long term expenses. Peeling off of coatings can often be traced back to incorrect surface preparation.

Another result of incorrect surface preparation in concrete, can be pinholes in the coating. Spark testing detects pinholes, breaches in coating integrity. Careful abrasive blasting ensures bugholes are opened out and the risk of pinholes minimised.

