

SURFACE PREPARATION
GRIT BLASTING (SAND BLASTING)
DSF 3.2.1

Definition:

Grit Blasting (Sand blasting) is a dry high pressure process using an abrasive media which is then accelerated through a blasting nozzle by means of compressed air. Common abrasives include Glass bead, steel grit, walnut shell, corn cob & baking soda each providing a different surface texture. The impact of the grit on the metal surface puts the surface layer into compression, and this effect can be beneficial, in reducing stress corrosion cracking in aluminium alloys.

This technique removes burrs, paint, rust and /or 'keys' the substrate for high performance coatings.

Properties:

- Low cost, effective cleaning process.
- Suitable for steel components & fabrications.

ASM (DEK) Typical Applications:

As a surface preparation (key) to be carried out on steel prior to chrome plating or following heat treatment the removal of case harden scale in slots & counter bores etc.

Preferred media grit is Aluminium Oxide; grit size 80 μm - 120 μm .

Issue	01	02	03	04	05	06	07	08	09
DCR	7135	44734							