

## PD23 DIAMOND FLOOR GRINDER



### BASICS

- the most common cause of problems using floor prep machines is poor electric supply
- this results in low voltage into the machine & leads to motor or circuit board overload (burn out)
- if using 110v machine, use a 5kva transformer with a 32 amp socket
- stick to the one machine per transformer rule & do not overload the mains socket
- do not run the floor grinder and vac off the **same** transformer
- use a cyclone pre-separator between grinder & vac; this will remove 90% of the dust before the vac
- keep extension leads to 1 x 14m with 32 amp plug (4mm cable)
- stop work if there is any undue vibration from the diamond disc or motor
- check the diamond disc for uneven wear & that the machine head is level (use spirit level)
- the standard disc will do 80% of surface prep applications
- for hard or abrasive coatings & surfaces, black jack, bitumens & adhesives use a specialist disc

### BEFORE USE OR HIRE

- check the machine runs smoothly & the diamond disc is in good condition
- check the vac filters are clean & the dust hood is correctly set
- check transformers & extension cables are the correct capacity
- check the current for the machine under load; 110v should run at 15 amps (max 20a)