

ANTI-SLIP SURFACING



Many concrete floors are installed with a highly polished finish. This creates a very serious risk of slipping when the surface becomes wet.

Forklifts and other vehicles will track water into a warehouse / factory on a rainy day. The same thing happens in multi-storey car parks and shopping centres.

The water brought in by vehicles causes the entrances and main driving routes to become very slippery and contributes greatly to accidents and injuries as a result.

In some buildings condensation can form on the floor very rapidly even on days where it is not raining outside. The relative humidity within the building can reach a point where the moisture can no longer be retained within the air and condensation forms as a result. Where the floor surface is highly polished the water cannot be absorbed into the concrete. This means the floor will stay wet until the humidity level drops significantly.





SHOT BLASTER IN OPERATION

Markaline Ltd. offer a low cost surface treatment which cures this problem. No paint coating or specialised anti-slip surfacing is required although we can offer those as well.

We use a process called retexturing which removes the sheen from the surface and allows

moisture to be absorbed into the concrete while also dramatically improving the friction level of the surface. Shot blasting machines are used which propel thousands of tiny steel ball bearings at the surface. The ball bearings are contained within a sealed chamber so that none escape during the process.

Our equipment is completely self-contained with shot blasting chamber, air filtering and vacuuming all taking place simultaneously in one machine. Our equipment is small enough to get into basement car parks, multi storey car parks, warehouses and factories and is dust free in operation. Each machine can blast up to 200 square metres per hour and we currently operate 4 of those machines giving a production rate of 800 square metres per hour.

Shot blasting alone will result in a dramatic increase in the surface friction but we also offer additional anti-skid floor coatings. These range from pedestrian grade coloured surfaces for walkways all the way up to road grade systems which will withstand many thousands of heavy vehicle movements on a weekly basis.

For further information on the various options available please contact us.



HEAVY DUTY ANTI-SKID SURFACE