

TYPE 1: FLOOR SEAL

Feature	Typical Characteristics
Description	Applied in 2 or more coats Generally solvent or water-borne
Typical thickness	up to 150 µm total
Typical resin types	water or solvent based polyurethane, epoxy or acrylic
Intended use	Light duty dust-proofing and sealing of concrete
Anticipated life **	LD: 1 to 2 years: localised over-coating may be required MD: up to 1 year
Application method	brush or roller
Loading	no noticeable improvement to substrate liable to impact damage
Chemicals	Protection only against occasional spillage of mild chemicals
Service temperature	0°C to 40°C
Colour	uniform single colour or clear
U-V exposure	Grades available
Appearance	Gloss silk or matt finish Thin film follows floor profile
Osmosis	May occur
Cleaning methods	Wash & vacuum dry
Hygiene / cleanability	Not recommended, but some improvement in cleanability over concrete
Suitability for food processing areas	Not recommended
Slip resistance in wet conditions	High slip potential on smooth surfaces: may be reduced with matt or silk grades
Anti-static	Not available

\*\* actual life will depend on product thickness, quality of the substrate and service conditions

LD (Light duty)	light foot traffic, occasional rubber tyred vehicles
MD (Medium duty)	regular foot traffic, frequent fork lift truck traffic, occasional hard plastic-wheeled trolleys,
HD (Heavy duty)	constant fork lift truck traffic, hard plastic wheeled trolleys, some impact
VHD (Very heavy duty)	severe heavily loaded traffic and impact