

TYPE 3: HIGH BUILD FLOOR COATING

Feature	Typical Characteristics
Description	Applied in 2 or more coats Solvent-free
Typical thickness	300 to 1000 µm total thickness
Typical resin types	polyurethane, epoxy or methacrylate
Intended use	Medium duty warehousing, light assembly areas, laboratories
Anticipated life **	LD: 5 to 7 years MD: 2 to 4 years HD: not recommended
Application method	roller, squeegee or spray
Loading	some improvement to substrate limited resistance to impact damage
Chemicals	Good resistance to occasional spillage of some chemicals in the absence of mechanical damage
Service temperature	-5°C to 40°C: grades available for lower temperatures
Colour	uniform single colour or clear
U-V exposure	Grades available
Appearance	Gloss silk or matt finish Follows undulations but reduces profile
Osmosis	May occur
Cleaning methods	Mechanical scrubber/dryers satisfactory but not with regular use of abrasive pads
Hygiene / cleanability	Good, smooth sealed surface, readily cleaned
Suitability for food processing areas	Non-tainting food grades available
Slip resistance in wet conditions	High slip potential on smooth surfaces: may be reduced with a light aggregate scatter
Anti-static	Grades 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