



# Labond ABRASIVE A950

## Aluminum Oxide High Performance Anti-abrasion Grit

### 高強度氧化鋁抗磨損粒子

#### 1.0 Description

MP Abrasive A950 is a kind of fused alumina, which is produced under high temperature fusion in an electric arc furnace from bauxite, charcoal and iron chip. It features a high tensibility and has a micro hardness of 2000 – 2200 kg/mm<sup>2</sup>. MP Abrasive A950 is designed to meet with Master Proofer's specification of anti-abrasion flooring system. It is most suitable for strengthening and upgrading of warehouse, supermarket, shopping mall, pedestrian path or any busy /medium abrasion duty area.

#### 2.0 Technical Data

Items	Particulars	Values
Basic Mineral	Aluminium Oxide	$\alpha$ - Al <sub>2</sub> O <sub>3</sub>
Crystal System	Hexagonal	
Crystal Colour	Brown, White, Yellow	
Density		>3.9g/cm <sup>3</sup>
Bulk Density		1.68 – 1.95 g/cm <sup>3</sup>
Mohs Hardness	(Diamond = 10)	7.6
Micro Hardness		2000 – 2200kg/mm <sup>2</sup>
Linear Expansion Coefficient	When900°C 10 <sup>-6</sup> /°C	7.6
Temperature Resistance		-150°C -1200°C
Chemical Resistance	Acid, Alkali, Grease, Oil, Corrosive agent	Excellent
Oxidation (includes Rusting )		None
Radiation		None
Toxicity		Non-Toxic
Grit Sizes	Anti-Slipping/Abrasion	0.25 – 1mm
	Hardening	1mm – 3mm

#### 3.0 Area of Application

##### Anti-Slipping and Anti-Abrasion System

MP ABRASIVE A950 powder form, part of the anti-slipping and anti-abrasion body of EPOXYGUARD F760 of LABOND Range epoxy coating system or equivalent epoxy system.

##### Floor Hardening

It can also serves hardening layer of slab, road, driveway, Runway, car-park, slop etc.

#### 4.0 Packaging

25 kg/P.V.C Bag , bigger size available upon request.

