propan
The Paint Specialist

POLYFLOOR ANTI STATIS

PFT-293-2K AS SF

SF
solvent free

SCAN HERE
PRODUCT INFO
HOW TO USE

propan
The Paint Specialist

PRODUK INDONESIA
Karya Anak Bangsa

Certificate ID03/0111

Certificate ID11/1102954057

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B01/ASC543/19032025/OMP

Electro Static Discharge **ESD** Flooring Protection

BC no.01/ASC543/OMP

Polyfoor Anti Statis PFT-293-2K AS SF

Provide Best Protection to yourself and Electric Equipment from The Danger of Electro Static Charge.

Manufacturing industries in the world are continuously growing, particularly in the fields of electronics, chemicals, healthcare, military equipment, aviation, and data centers.

Electrical equipment, electronic devices, avionics, plastics, and certain chemicals can be highly sensitive to static electricity.

Static electricity is an accumulation of electric charges (that is static) due to an imbalance in electrons. Therefore, it must be properly discharges to the ground to prevent potential hazards to electronic equipment and human safety.

Industries which are handling above sensitive products (to static electricity) require floor that effectively prevent static electricity build-up.

So that, it will help to prevent damage to sensitive electronic devices, reduces the risk of static electric shocks to personnel, and minimizes the potential for fire or explosions caused by Electro Static Charge.

Polyfloor Anti-Static PFT-293-2K AS SF is a high-quality epoxy-based flooring system designed to safely discharge static electricity into the ground.

ADVANTAGES

- Smooth and aesthetically appealing finish
- Seamless, hygienic, and easy to clean
- Excellent adhesion
- Excellent impact resistant
- Low odor (does not emit strong fumes during application)

AREA PEMAKAIAN


Operating room


Chemical Areas


Electronic Industry

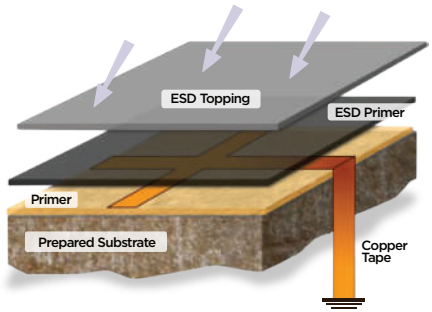

Data storages Facilities


Electrical Control Panels


Military Facilities

Introduction to ESD
How the system work

Primer : POLYFLOOR PFP-241
ESD Primer : POLYFLOOR PFP-291 AS
ESD Topping : POLYFLOOR PFT-293 AS



TECHNICAL DATA

Item	Result	Standard Test
Resistivity Conductive Dissipative	 $1x10^4 – 1x10^6$ Ω $1x10^6 – 1x10^9$ Ω	BS - 2050
Compressive Strength	> 50 N / mm^2	BS - 6319 Part 2
Bonding Strength	> 2.5 N / mm^2	ASTM D-4541
Abrasion Resistant	0.022 gr loss	ASTM D-4060
Flexural Strength	> 25 N / mm^2	ASTM C-580
Tensile Strength	38 Mpa	ASTM D-412
Hardness	82 osc	ASTM D-4336 (Shore D)
Gloss Level	85 - 95 %	Gloss Meter
Water Resistant	Exellent	Karsten Test
Solvent Resistant	Exellent*	
Chemical Resistant	Exellent*	
Pot Life	45 minutes (30°C)	
Temperature Resistant	0 - 70°C	
Flow Ability	Exellent	

* Consult with Propan for solvent and chemical list

APLIKASI TOP COAT

Application tools	:	Roll
Mixing ratio PFP-291-2K AS WB	:	Komp. A : B = 3 : 1 (by weight)
Mixing ratio PFT-293-2K AS SF	:	Komp. A : B = 4 : 1 (by weight)
Material consumption	:	1.5 kg/m^2 (1 mm DFT)
Theoretical coverage	:	0.67 m/kg-set (By substrate)
Drying time	:	Touch dry : 2 Hours
	:	Full curing : 20 hours
Ready to use	:	After 24 hours
Packaging	:	20 kg - set