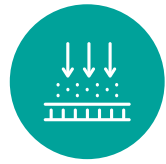


CLEANPOXY LINING MASTER

Parking lots, logistics warehouses, and smart factories are key sites where this ultra-high-strength epoxy lining can be applied.

CLEANPOXY LINING MASTER is a next-generation ultra-high-strength epoxy lining system designed for heavy-duty floor applications such as parking lots, warehouses, and smart factories, and it provides more than 40% higher compressive strength compared to conventional systems. Even under repeated traffic from vehicles, AGVs, and heavy equipment, it provides excellent durability, adhesion, chemical resistance, and dust resistance, ensuring long-term floor stability while offering both superior workability and high strength compared to solvent-free epoxies.

Applications Logistics centers that operate AGVs and AMRs, smart factories, semiconductor and display plants, and other sites that require high-strength flooring.



Ultra-high Compressive Strength!

It delivers ultra-high compressive performance exceeding 100 MPa, which is approximately 40% higher than conventional systems.



Outstanding Durability!

It maintains long-term durability and stability even under continuous friction from AGV wheels.



Excellent Abrasion Resistance!

It is engineered to withstand impact loads and provides floor abrasion resistance rated at the Special grade.

As smart factories continue to expand and the use of AGVs and AMRs increases, conventional floors become more susceptible to damage from repeated traffic and lead to higher maintenance costs. This requires a stronger and longer-lasting lining system capable of withstanding these environments reliably.



Category	Description
Paint type	Modified epoxy / Modified amine (two-component)
Thinner	No dilution (Dilute with up to 1% by volume when winter temperatures cause increased viscosity)
Specific gravity / Solid volume ratio	Approx. 1.09 / 96±3 %
Theoretical Coverage	0.48m ² /L (based on 2mm)
Thickness of dried film	2~3mm
Mixing ratio	Base (A) / Hardener (B) = 3.1 / 1 (by weight)
Color / Gloss	Colored (blend) / Glossy
Storage and preservation	12 months (indoor storage at 5-30°C)



Before/After abrasion test
General lining : 0.13% reduction vs. initial **VS** **CLEANPOXY LINING MASTER : 0.02% reduction vs. initial**

The ultra-high-strength lining that sets a new standard for industrial floors, chosen by AGVs - CLEANPOXY LINING MASTER!

Key Benefits of CLEANPOXY LINING MASTER!



Excellent ultra-high compressive stability!

With compressive strength exceeding 100 MPa, it provides high durability that withstands repeated AGV traffic, heavy equipment loads, and impacts.

* General lining compressive strength: approximately 60 MPa.



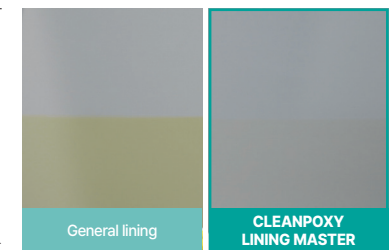
Long-term abrasion loss reduction performance!

A high-performance lining system that achieves special-grade abrasion-resistance durability and minimizes dust generation, making it suitable for cleanroom environments.



Low-yellowing type for an aesthetic finish!

The low-yellowing formulation provides a more refined appearance compared to general linings.



Yellowing test ▶