

Herculan IG



DECORATIVE



Herculan IG Decorative has been specially designed by renowned Dutch technicians for malls, shops, offices, etc., keeping in mind the Principles of Ergonomics, to provide an environment that is safe, comfortable and engaging.

Having proven its worth throughout the Netherlands, over the past decades, **Herculan IG Decorative** is now being introduced around the world.

It provides a seamless wall-to-wall system that can be applied to a variety of bases, e.g. wood, concrete and asphalt. It provides a compact (2.5 mm thick), attractive, and non-permeable surface that requires extremely low maintenance, and can be easily cleaned with pressure washers or steam cleaners.

But for all its simplicity, **Herculan IG Decorative** is a technically advanced product. It is a carefully balanced mixture of a two pack Epoxy and/or non-toxic polyurethane binder system.

With such quality, backed by the Herculan guarantee, **Herculan IG Decorative** is finding its way onto the floors of the most esteemed organizations. All our satisfied customers, have reached a common ground that **Herculan IG Decorative** is best suited to their needs.



Herculan IG Decorative

System properties:

Application of the Herculan IG Base Layer:

Herculan IG is a two component polyurethane self leveling floor covering. This solvent free self leveling polyurethane coating has excellent mechanical properties such as a high surface hardness and depending on the chosen color shows little yellowing.

Herculan IG is hydrolysis and chemical resistant against acids, hydroxides and solvents.

Properties of the Herculan IG Base Layer:

Density basis	1.57 kg/dm ³
Density curing	1.22 kg/dm ³
Density mixed	1.52 kg/dm ³
Elongation at break DIN 53455	60 — 65%
Tensile strength DIN 53455	13 — 14 MPa
Tear strength DIN 53515	33 — 35 KN/m
Compressive strength DIN 53455	65 — 70 MPa
E-Modulus DIN 53455	65 — 70 MPa
Adhesion strength	good on many clean, dry, fat free and pretreated surfaces. Herculan IG can be used on steel, aluminum (with primer), concrete, screed and anhydrite (with primer)
Shore D Hardness DIN 53505	65
Wear resistance CS 10/1000/1 Kg	75 mg
Solid content	100% Herculan IG is completely solvent free
Shrinkage	none

Characteristics of Herculan PU Hard Coat Surface Layer:

Herculan PU Hard Coat is a hard wear resistant, shrink-proof, non-chalking and non-yellowing, easy to apply coating and has a good adhesion to many surfaces.

Good stability of both components during transport and storage even at lower temperatures, but not below 10°C

Technical Charastics of Herculan PU Hard Coat Surface Layer:

<i>Form:</i>	<i>Liquid</i>
Solids content:	67%
Density at 20°C	approx. 1.11 gr/cm ³
Pot life (20°C)	approx. 60 Min.
Walkable (20°C)	approx. 24 hours.
Full cure (20°C)	approx. 5 days
Abrasion-resistance (Taber)	0,2 weight loss