

PROTECSOL® 2 TECHNOLOGY

gerflor.com



Gerflor[®]
theflooringgroup



**A NEW
GENERATION
OF SURFACE
TREATMENT**





04-05

PATENTED GERFLOR
TECHNOLOGY



06-07

HIGH
PERFORMANCE
USERS
BENEFITS



08-09

PREMIUM FLOORINGS
TREATED WITH PROTECSOL® 2
TECHNOLOGY



10-11

COMMITTED TO
SUSTAINABLE DEVELOPMENT

PREMIUM

EC SOL® 2

Patent

Gerflor

PATENTED GERFLOR TECHNOLOGY

Gerflor: at the heart of cutting-edge technology

At our three Research & Development centres, seventy engineers work in partnership with Laboratories and Universities worldwide to develop innovative solutions for environments with strict technological constraints (such as the aircraft industry, for example)

A new generation

of surface treatment for the floor coverings of the future





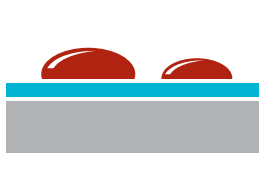
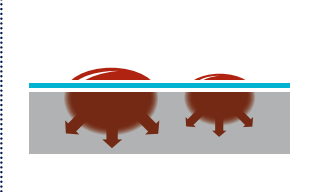
an exclusive Gerflor patented coating with resistance and performance obtained by UV laser cross-linking





PROTECSOL® 2 TECHNOLOGY




THE BEST STAIN SHIELD

<p>Highly durable: Exclusive surface treatment applied by UV laser cross-linking provides superior durability and an even surface thickness, creating an impenetrable barrier against stains and chemicals</p> <p>Longer life expectancy.</p>	 <p>PROTECSOL® 2 BY GERFLOR GERFLOR: EVEN THICKNESS</p>	 <p>OTHER TREATED FLOOR COVERING COMPETITOR: MISSING TREATMENT AND UNEVEN THICKNESS</p>
<p>Water-repellent effect: The surface treatment creates a 100% non-porous barrier to prevent all liquids and chemicals from penetrating the materials, remaining on the surface</p> <p>Simple and easy stain removal.</p>		

STAINING TESTS before cleaning



RESULTS AFTER CLEANING

		PROTECSOL® 2 TECHNOLOGY	OTHER HOMOGENEOUS SHEET	RUBBER	LINOLEUM	VCT
 Using a neutral detergent Stain 1: BETADINE® ALCOHOLIC SOLUTION	After 5 minutes					
	After 60 minutes					
 Stain 2: EOSIN	After 5 minutes					
	After 60 minutes					
 Stain 3: PERMANENT MARKER*						

* ONLY with the Protecsol® 2 Technology can the marker stain be removed with a common eraser

HIGH PERFORMANCE

EXTREME STAIN RESISTANCE

STAIN	GERFLOR TREATED 	OTHER TREATED FLOOR COVERING
CHEMICAL		
Concentrated nitric acid	1	2
Ammonia	0	0
Toluene	0	0
Hydrochloric acid	0	0
Concentrated sulphuric acid	0	2
Ethyl acetate	0	0
Acetone	0	0
Concentrated acetic acid	0	1
Betadine	0	1
Tincture of iodine	2	4
Methylene blue	0	3
Hydrogen peroxide	0	0
Bleach	0	1
White spirit	0	0
Chloroform	0	0
Floor wax	0	2

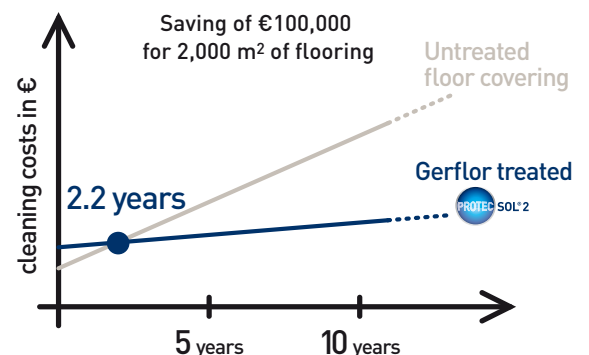
STAIN SUSCEPTIBILITY SCALE

0: Insusceptible; 1: Very slightly susceptible; 2: Slightly susceptible; 3: Susceptible; 4: Highly susceptible



USERS BENEFITS

- ▶ **Easy to clean, no self-shine treatment required for the entire life of the product**
Saves water and detergent
Fast return on investment
- ▶ **Easy stain removal**
- ▶ **Resistance to heavy traffic and micro-scratches**
- ▶ **Durable design and lasting colour brightness**



PREMIUM FLOORINGS

TREATED WITH PROTECSOL® 2

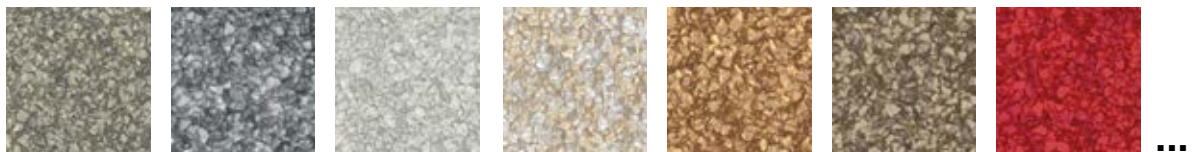
OSMOZ - 17 colours



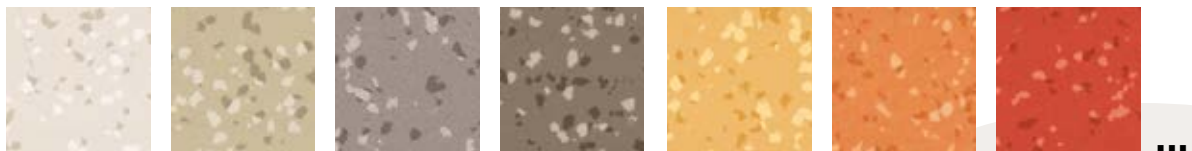
INDIANA - 28 colours



METALLICA - 10 colours



BRAZILIA - 16 colours



COSTA RICA - 9 colours



FUSION - 5 colours

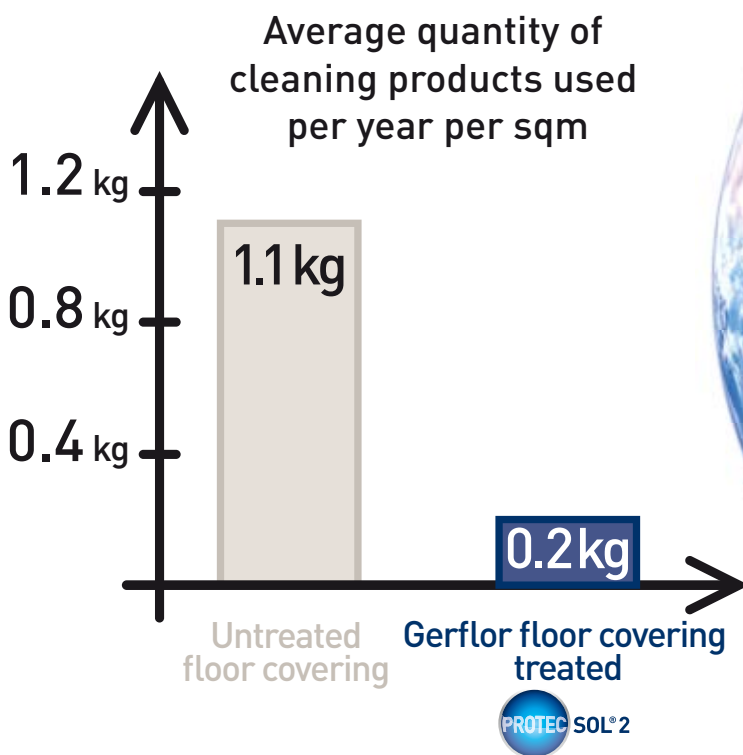






COMMITTED TO SUSTAINABLE DEVELOPMENT

- ▶ **Low environmental impact**
Saves water and detergent



- ▶ **Indoor air quality**
 - Non-emissive product
 - Very low VOC (Volatile Organic Compound) emissions
- ▶ **Protecsol[®] 2: extreme durability**



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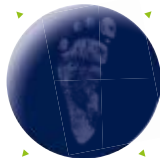
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