



## SilShield® 8645 Vinyl Graphic Floor Overlamine

### Product Introduction

SilShield® 8645 Vinyl Graphic Protective Film is made with high-quality polyvinyl chloride (PVC) material. The surface is pressed with a unique textured pattern, and the back is coated with transparent pressure-sensitive adhesive. It can be used for the protection of floors and walls. The textured surface has a strong tactile sensation and provides a certain degree of anti-slip effect. The moderate translucency excellently showcases the colors and patterns of the image. It can be widely used for the protection and anti-slip of floor images, as well as the texture rendering of wall images.

### Features

- The surface orange peel effect, when applied, serves to protect the image, enhance texture, and provide anti-slip safety.
- Soft structure, easy construction.
- Resistant to cold and heat impact, high stability.
- The textured structure is easy to clean.

### Product Structure

PVC Structured Film  
Adhesive Layer  
Liner Paper/Film

### Technical Data & Test Reports

Test Item	Method	Result
Application Thickness	Thickness Gauge	8mil
Abrasion Resistance Test (Wear Resistance)	Load 1kg weight, use a specialized sand-faced rubber for reciprocating movement of 5cm, repeat 500 times,  No surface damage, no wear,	Pass



	no whitening or other visible defects.	
Initial Adhesion	30° Inclined Angle, >10# Ball	Pass
180° Peel Strength	Steel Plate Test 20h, bonding strength approximately 30N	Pass
Low and High-Temperature Test	-25°C/2h, 80°C/2h, one cycle, 12 cycles of testing, no delamination, no overflow, no bubbling, no decrease in bonding strength.	Pass
High-Temperature and High-Humidity Test	Placed in a temperature of 60 °C, humidity 95% constant temperature and humidity test chamber, taken out after 24 hours, and checked for no delamination, no overflow, no bubbling, and no decrease in bonding strength.	Pass
Aging Test	Placed in a temperature of 60°C, in a yellowing resistance test chamber, exposed to 300W yellowing and other irradiation for 72 hours, without yellowing, discoloration, delamination, overflow, bubbling, and no decrease in bonding strength.	Pass

## Storage

Storage period: 12 months from the date of customer's receipt.

Storage temperature: Avoid direct sunlight, indoor ambient temperature of 23±5°C and humidity of 55±10%.

## Packing

Ggaea-Meilleur specializes in providing flexible support and services tailored to meet the needs of our esteemed customers. We offer custom-sized film sheets and tinting services, ensuring a personalized solution for each client. Our mission is clear: we aim to empower our customers by delivering professional-grade products and innovative solutions. By doing so, we enhance their competitiveness within their respective industries, while simultaneously securing mutual success for both Ggaea-Meilleur and our valued clients.

## Installations

- Thoroughly prepare the substrate surface, ensuring it is free from oil and dust.
- Tint the film in a controlled, dust-free environment.
- You have the option to use either an automatic laminating machine or apply the film manually.
- Ensure the ambient temperature for film application is above 10 degrees Celsius.
- Note that extreme environmental conditions may impact the longevity of the products.

## Contacts

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