

Installation Bulletin for Floor Graphics Protection Laminates

Introduction

LP40000/41000 is a 200µm calendered PVC over-laminate film for graphics for floors application. It provides protection from damaging from UV radiation, scratch and abrasion. Moreover, it offers enhanced colors and durability. We recommend the combination of our Floor Graphics laminates with the Base Films LD381T and LD385T. The above mentioned laminates consists of a anti-slip surface. The Laminate LP41000 is certified with the Anti-Slip Test R9.

Storage and processing conditions

LG Hausys Pressure Sensitive Adhesive products are delivered in rolls which should be stored either suspended or standing on the roll blocks provided in a cool, dry place. Avoid exposure to sunlight. Prior to the production process the PSA films should be accommodated to the humidity and temperature prevailing in the processing area. The optimal conditions are a relative humidity of 50% to 60% and a temperature range between 18°C and 22°C. Higher variations of the above mentioned conditions can lead to a higher degree of shrinkage of the release paper. The result is a limited flatness of the self-adhesive material and dimensional changes when cut. Please refer to our Technical Product bulletins on our website <http://sign.lghausys.eu> as well.

Fabrication and Printing

Printing, Drying and Laminate

Treat the LG Hausys Digital Print Media with care. Use cotton gloves to prevent fingerprints to the surface of the film. Check the surface quality prior to the printing process.

Use solvent-based printing for optimal print quality. Recommended printer settings and ICC profiles are available for download at <http://sign.lghausys.eu>. After printing, allow the ink to properly dry at least 24 hours to 48 hours before laminating, cutting, or applying the graphic. Laminate with LG Hausys Protective Laminates to prevent vinyl and/or print damage from scratches, smoke, fumes, etc.

Warranty will be applied to finished graphic appearance defects such as excessive fading, discoloration (including that due to mildewing or wicking on flexible substrates), peeling, gloss changes, excessive dimensional change or loss of adhesion that makes the graphic virtually unsuitable for its intended purpose.

Areas of use

Excellent protection from floor graphics. Suitable for indoor floor advertising. Problems may only occur after an application to uneven, porous or painted surfaces or floors polished with wax or cleaned with water additives. The floor graphics are not recommended for applications on carpet.

Cleaning of the floor

Any surface to which the Flooring materials are about to be applied needs to be cleaned with a suitable solvent removing any dirt or grease before applying the floor graphics combination. The use of Isopropanol is recommended.

The floor has to be completely dry before the application of the film.

Application

Film application will be in a dry state by pressing it strongly with a squeegee against the surface. For best results LG Hausys recommends an overlap of the Floor Graphics laminate at the edges of at least 2cm.

Do not step on the Floor Graphics for at least 30 minutes.

Cleaning after application: Wait at least 24 hours before cleaning the Floor Graphics system.

Removal of the Graphics

The graphic is best removed when removed in a 90° angle starting from one corner. Our Floor Graphics are removable without any adhesive residues.

Durability

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 1 year when properly processed and applied (In case of vertical exposure).

Fabrication

Laminating

No heat is required. It can be used most squeeze roll laminators. Keep the film flat during lamination.