



## Technical Data Sheet

### MATERIAL DESCRIPTION:

Interior Film is a range of architectural films designed to realistically recreate the look of natural materials. Soif Interior Film incorporates over 650 product references for decoration and refurbishment, available by the meter. The flexible films are easy to apply, facilitating a perfect application on any furniture contour or shape. Soif Interior Film is a highly cost effective and low maintenance vinyl covering that is both quick and easy to apply.

### PRODUCT CHARACTERISTICS

#### STRUCTURE

Conformable polymeric calendared PVC

Thickness: Average 0.42mm (depending on references & emboss) \*including released paper.

- Finishes: wood, leather, marble, natural stone, glitter, metallic, fabric, solid colors
- Width 1,220 mm
- Tear resistance: Width 5,1 kg/cm / Length 0.6%
- Elongation: 220% maximum (on stretchable references)
- Dilatation after 48 hours at 65°C
  - Width: 0.9% / Length: 0.6%
  - Width: 262 kg/cm / Length: 230 kg/cm

#### APPLICATIONS:

- Walls, Doors, Ceilings, Furniture, Lobbies, Elevators, Partitions...

#### BENEFITS

- INDOOR BUILDING MATERIALS TESTED  
Building materials for indoor use is granted. (Formaldehyde, toluene and volatile organic compounds TVOC, etc. Tested negative on three kinds of emissions to determine their suitability.)
- UV resistance (indoor)
- Anti-bacterial treatment in selected models
- Easy maintenance,
- Stretchability (on some models)
- Anti-scratch treatment (on some models)
- Flame retardant Passed Strict Flame Retardant Test from Korea Fire Industry Institute of Technology (KFI)
- Passed fire and eco-friendly certification related to Spain building materials
- SOIF products are gas-free, formaldehyde and eco-friendly building materials Tested and verified for safety. (ENAC Verification Number 2019AN3043)

#### DURABILITY:

- 10 years indoor installation

### COMPOSITION INFORMATION

| COMPONENT              | % BY WEIGHT |
|------------------------|-------------|
| Polyvinyl Chloride     | 74~78%      |
| Diocetyl Terephthalate | 14~18%      |
| Stabilizer             | 2~4%        |
| CaCO <sub>3</sub>      | 1~3%        |
| Others                 | 3~5%        |

|                                                                                                                                                                                                                                                   |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| <b>HANDLING &amp; STORAGE</b>                                                                                                                                                                                                                     |                   |                               |
| <u>Precaution of safe handling :</u>                                                                                                                                                                                                              |                   |                               |
| <ul style="list-style-type: none"> <li>Do not eat, drink or smoke while installing Soif Interior film,</li> </ul>                                                                                                                                 |                   |                               |
| <ul style="list-style-type: none"> <li>Be careful when installing in high/low temperature (this may impact the coating and/or the adhesive system),</li> </ul>                                                                                    |                   |                               |
| <ul style="list-style-type: none"> <li>Prevent continuous or long-term skin contact.</li> </ul>                                                                                                                                                   |                   |                               |
| <u>Ideal storage condition (including any incompatibilities):</u>                                                                                                                                                                                 |                   |                               |
| <ul style="list-style-type: none"> <li>Clean and dry environment</li> </ul>                                                                                                                                                                       |                   |                               |
| <ul style="list-style-type: none"> <li>Ideal Storage temperature: 10-25°C</li> </ul>                                                                                                                                                              |                   |                               |
| <ul style="list-style-type: none"> <li>Do not store outside, near hazardous chemicals or sharp objects, in direct sunlight or in any humid environment</li> </ul>                                                                                 |                   |                               |
| <ul style="list-style-type: none"> <li>Ideal Installation temperate: 15-25°C</li> </ul>                                                                                                                                                           |                   |                               |
| <b>PHYSICAL AND CHEMICAL PROPERTIES</b>                                                                                                                                                                                                           |                   |                               |
| <b>APPEARANCE</b>                                                                                                                                                                                                                                 | <b>PROPERTIES</b> | <b>ODOR</b>                   |
| PRINTED INTERIOR VINYL WITH SPECIAL COLOR, STRUCTURE, PATTERNS & SPECIAL FINISHES                                                                                                                                                                 | SOLID             | SOLVENT BASE PVC AND ADHESIVE |
| <b>STABILITY &amp; REACTIVITY</b>                                                                                                                                                                                                                 |                   |                               |
| <u>Chemical stability and the possibility of detrimental reaction:</u>                                                                                                                                                                            |                   |                               |
| <ul style="list-style-type: none"> <li>Stable at room temperature and normal pressure, toxic gas may occur when decomposed at high temperature</li> </ul>                                                                                         |                   |                               |
| <ul style="list-style-type: none"> <li>part of material may be burnt down but it doesn't ignite easily.</li> </ul>                                                                                                                                |                   |                               |
| Conditions to avoid: ignition source such as heat, spark, flame                                                                                                                                                                                   |                   |                               |
| <b>MAINTENANCE INSTRUCTIONS:</b>                                                                                                                                                                                                                  |                   |                               |
| For daily care and maintenance of the film use only neutral pH detergents, do not use products with too much acidic or basic pH.                                                                                                                  |                   |                               |
| Hot water can help eliminate stubborn stains (not boiling)                                                                                                                                                                                        |                   |                               |
| In some cases, even a solution based on isopropyl alcohol and water can be effective.                                                                                                                                                             |                   |                               |
| Use only soft cloths or sponges to clean the Soif surfaces                                                                                                                                                                                        |                   |                               |
| If persistent stains are present it means that care and maintenance have not been performed correctly. In this case carry out a repair with patch (not guaranteed but effective and economical) or complete replacement of Soif Interior surfaces |                   |                               |
| Don't use any organic-based cleaning product like ammonia or polish to clean Soif Surfaces                                                                                                                                                        |                   |                               |
| Remove the Soif Interior Film using a heat gun, a steamer or a high heat lamp - start at the edges and maintain a 180-degree angle.                                                                                                               |                   |                               |