

TECHNICAL DATA SHEET

SI STRUCTUR BW – Surface Protection Film

1. PRODUCT DESCRIPTION

SI STRUCTUR BW is a non-permanent surface protection film designed primarily for highly structured surfaces such as PVC, stainless steel, aluminum, ceramic, HPL panels, plastics, and glass. The adhesive side is wound inward. The film is designed to protect surfaces against damage, scratches, and dirt during transport, processing, assembly, or storage.

2. TECHNICAL DATA

Total thickness: 72 µm (PP/PE film)

Film type: Co-extruded PP/PE

Adhesive: Natural rubber

Adhesion: 400 cN/cm

Lamination temperature: 23°C

Lamination pressure: 10 kg/cm

Peel speed: 300 mm/min

Peel angle: 180°

3. FILM CHARACTERISTICS

Transparent to opaque. Printable up to 3 colors. No ink migration under normal conditions. Not recommended for thermoforming when printed. Release-coated film. Suitable for indoor and outdoor use (UV version required for outdoor).

4. ROLL DIMENSIONS

Width ≤ 2200 mm

Length: 100–500 m

Diameter ≤ 500 mm

Core: 76 mm or 50 mm

5. APPLICATION RECOMMENDATIONS

Apply without wrinkles or bubbles. Avoid stretching >1%. Use within 6 months. Remove within 3 months after application.

6. STORAGE

Store dry in original packaging. Temperature: 15–35°C. Humidity: 45–75%. Condition for 24h before use. Avoid heat and sunlight.

7. DISCLAIMER

Values are typical and non-contractual. User must validate suitability.