

Customer Information

Surface Protection Films



User guide for handling and processing

Introduction

Surface protection films are a form of temporary surface protection to protect profiles/products against dirt, scratches and damage during fabrication, transportation, storage, handling and further processing. Surface protection films do not protect surfaces against corrosion, moisture or chemical substances.

Application

Surface protection film should be removed at a processing temperature (object or ambient temperature) of +15 °C - + 40 °C. Within this temperature range, surface protection film should be easy to remove from non-manipulated areas without leaving residue behind. Film may not be removed when it is frosty. For reasons relating to the production technology, residue and tears in the film cannot be avoided in the area of the radii. Non-UV resistant surface protection film (generally transparent) is not suitable for outdoor use.

Storage

UV resistant surface protection film must be removed from the profile/product no later than 6 months after application. Film should be removed from a profile or product applied with non-UV resistant protection film immediately after delivery.

It is necessary to protect the profile/product applied with surface protection film from sunlight (UV) and extreme temperatures <15 °C and >40 °C, high relative humidity >50%, dust and moisture during the complete storage life. It is recommended that profiles/products applied with surface protection film are stored at a room temperature of +20 °C +/-5 °C.

Should the temperature and/or relative humidity fall outside of these ranges, the maximum storage life of 6 months will be reduced as a result.

Waste Management/Recycling

Surface protection films made from polyethylene (PE):

According to the film manufacturers product guidelines, this type of surface protection film is recyclable. In line with the relevant national legal requirements, this film can be sorted, collected and deposited at a refuse site or incinerated at a waste incineration plant.

Surface protection films made from polyvinyl chloride (PVC):

According to the film manufacturers product guidelines, this type of surface protection film is recyclable. In line with the relevant national legal requirements, this film can be sorted, collected and the material recycled.

Important Information

Welser does not manufacture the surface protection film. Welser shall therefore not be liable for damage or a particular condition or state of the surface protection film. The information is given to the best of our knowledge and with reference to the guidelines of the respective film manufacturer. As the profiles/products find use in a variety of application areas and the application requirements vary significantly, this information is formed on the basis of general recommendations only.