



Extruded Styrene Acrylonitrile (SAN)

## SAN – scratch resistant – UV protected sheets

### PRODUCT OVERVIEW

Scratch resistant – UV protected SAN sheets are characterized by good optical properties and outstanding surface.

The sheets can be used in outdoor applications and are resistant to temperature fluctuations.

The ultraviolet additives in the coated SAN sheets enhance its behaviour to light and conserve its properties without any great changes during years of exposure to outside weather conditions.



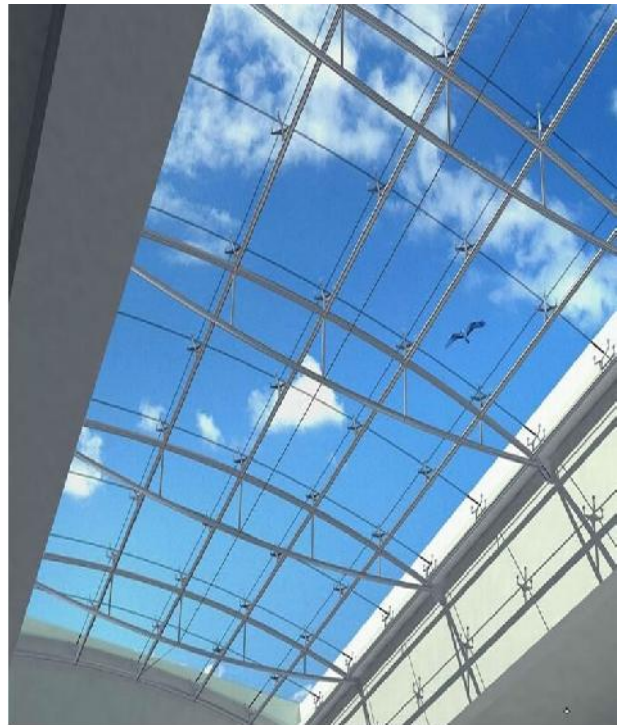
### SCRATCH RESISTANT COATING : 1022 Z3

This Hardcoat offers both UV protection and scratch resistance.

In addition to excellent scratch-resistance, 1022 Z3 hardcoat has very good chemical resistance, remaining unaffected by brief exposure to common household and industrial chemicals which can sometimes seriously degrade bare plastic surfaces. Sensitive polymers, such as SAN, are well protected from solvent attack.

## **BENEFITS :**

- Scratch resistant
- Excellent transparency and high brightness
- UV resistant
- Good, long-lasting, long-term performance
- Elevated rigidity and harness
- Easy handling
- Optimal thermal insulation
- Impact : hail and shatter resistant
- Good tolerance to heat variations
- Excellent fire class rating
- Lower transport weight
- Economical : lighter frame required
- High dimensional stability



## **APPLICATIONS :**

- Industrial (door) glazing
- Double glazing
- Swimming pools glazing
- Displays
- Greenhouse glazing
- Room dividers
- Refrigerations cabinets
- Advertising

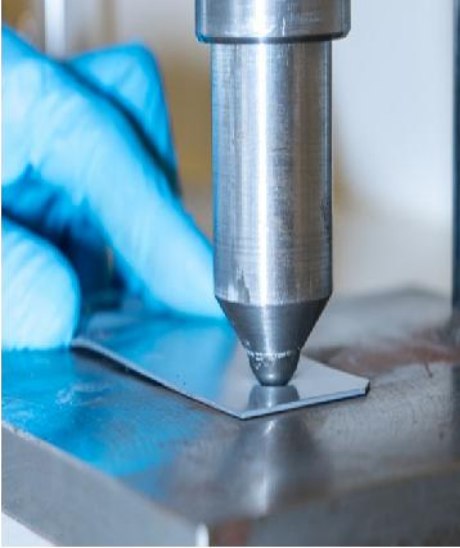
## **SIZES :**

Max width – 2050mm

Standard length – 3050mm

Max length – 3500mm

Standard thicknesses range from 1,5 to 8mm



### **TEST REPORTS:**

Sirris, an independent testing agency has investigated our abrasion and scratch resistant coatings.

Test certificates by type of coating per substrate, are available.