



Sanitary ABS/PMMA SHEETS

Akripol d.d.
Prijateljeva cesta 11
SI- 8210 Trebnje – Slovenia
Tel: + 386 7 34 81 636
Fax: + 386 7 34 81 653
e-mail: akripol@akripol.si
www.akripol.si



Sanitary ABS/PMMA SHEETS

- **1. INTRODUCTION**

Akripol ABS/PMMA sanitary sheets are produced from selected material which permit excellent thermoforming over a wide temperature range. It has excellent dimensional stability and good resistance to weathering, infrared and ultraviolet radiation. Sheets are lightweight and have excellent high gloss, non-porous, chemical resistant surface.



Sanitary ABS/PMMA SHEETS

2. APPLICATIONS

Akripol ABS/PMMA sanitary sheets are mostly used for production of thermoformed parts of sanitary ware as:

- Bath tubs
- Shower trays
- Washbasins and vanities
- Panels for bath tubs & shower trays



Sanitary ABS/PMMA SHEETS

3. TECHNICAL PARAMETERS:

- **Maximal wide:** 1480 mm
- **Maximal length:** no limits in length
- **Thicknesses:** all thicknesses between 3 and 8 mm
- **Standard Colors:** 051 – Euro white, 052 Israel White, 056 – Bianco, 553 – Pergamon
- **Density:** 1,12 g/cm³
- 12% of co-extruded PMMA on one side



Sanitary ABS/PMMA SHEETS

● 4. THERMOFORMING

- Akripol ABS/PMMA sheets can be thermoformed in different ways :
- Vacuum thermoforming machines (with Ceramic, Quartz, Flash or Black Box heaters)
- Thermoforming with oven method

Recommended thermoforming temperature is 155 -170 180°C.

A rough guideline for the oven heating of the sheet is aprox. 2 – 3 min heating time per mm sheet thickness



Sanitary ABS/PMMA SHEETS

● 5. PACKING & STORING

- Akripol ABS/PMMA sanitary sheets are delivered on airtight pallets. ABS is hygroscopic material and it absorbs moisture. All ABS/PMMA sheets must be stored under driest possible conditions. Once pallet is opened, the sheets should be used as quick as possible. Partly used pallets must be sealed up as airtight as possible together with the drying agent.
- A high moisture content of the sheets can create problems during thermoforming. In this case sheets need to be pre-dried (ideally in temperature controlled air circulating convection oven with pre-drying temperature 80°C and aprox. drying time 2-3 h per mm sheet thickness).



Sanitary ABS/PMMA SHEETS

Contact:

Akripol d.d.

Prijateljeva cesta 11

SI- 8210 Trebnje – Slovenia

Tel: + 386 7 34 81 636

Fax: + 386 7 34 81 653

e-mail: akripol@akripol.si

www.akripol.si

