

POLISHIELD “Gold” is a water-based acrylic solar reflective paint with an expected life of up to 10 years. It must be applied to the external side of skylights made of methacrylate (PMMA), polycarbonate, FRP or glass.

TYPE: translucent paint

FEATURE: single-component - non-toxic - water-based with titanium dioxide.

DESCRIPTION: 5 Lts. of reflective paint for 45-50/m² in two-layers. Product for professional use

COLOR: translucent opaque white indoors / gold outdoors

SURFACE: reflective anti-IR and anti-UV protection for polycarbonates, methacrylates, irregular glass, flat glass.

WARNINGS: apply at temperatures >5°C. Store indoors. Protect from frost. Use within 36 months from the packaging date shown on the label.

MAINTENANCE: it is recommended to wash the treated surface at least every 12 months to maintain the maximum possible reflection

WARRANTY: 10 years vertically, 5 years obliquely on detachment and cracking

	installation	Energy Reflection %	VLT %
PMMA (Plexiglas	No Polishield	13,3	90,7
PMMA (Plexiglas	Polishield Gold2 layers	57,0	47,1
Double insulating sheet	No Polishield	15,8	79,0
Double insulating sheet	Polishield Gold 2 layers	71,6	41.0



POLISHIELD GOLD contains pigments that reflect the sun's infrared heat, absorb ultraviolet light, but are translucent to visual light. It protects buildings from overheating by reflecting a large portion of direct solar energy, while maintaining high light transmission.

SURFACE must be cleaned beforehand with the special degreaser-fungicide-anti-algae **Policlean**. The detergent must be diluted with water from 1/20 to 1/50. Clean the surface with a sponge or a brush (such as sorghum), then rinse with plenty of clean water. Do not let the dirty water/degreaser dry on the surface. Rinse thoroughly with plenty of clean water. Make sure the surface is completely dry before starting to paint.

APPLICATION GUIDE: min. temperature 10°C - max. relative humidity 80% - max. air temperature 35°C. Do not apply with surface temperature >50°C or near rain or moisture. Drying at 20°C and 65% RH (relative humidity): 1h30; low temperature and high humidity increase the drying time. Before application, mix the paint thoroughly at low speed with a mechanical mixer until the paint appears as a homogeneous paste. Apply to the surface to be treated with an 8mm ANSI Antex roller. If using the GRACO EasyMax WPII type airless, you can use the PAA411 nozzle. If necessary, dilute with 2% or 3% clean water. To paint with the correct quantity of product, make sure that the coverage is approximately 8-9m². with 1 Lt. for rough surfaces and 9-10 m² for smooth surfaces (2 layers).