



POLIANT®

POLIANT invisibly and durable protects metal surfaces against dirt, fingerprints and graffiti. It significantly improves the cleaning behaviour and reduces costs for maintenance. Even contamination by colour sprays and fibre writers can be easily removed by using simple cleaners and without leaving wiping marks.

POLIANT is an extremely thin (0,5 to 2 µm) colourless transparent coating with glass-like structure. It does not affect aspect, structure and haptic properties of the surface when applied. Without changing structure and gloss POLIANT can be applied to surfaces with polished, satinated, matt, blasted, ground, coloured or anodised finish, providing water and dirt repellent properties. Additionally Stainless Steel gets higher resistance to chloride induced corrosion, a real threat for swimming pools and street furniture.

POLIANT is specially qualified for decorative outdoor and indoor applications like architecture, doors, handrails, escalators, elevators, furniture, kitchen compliances, covers, swimming pools, sanitary equipment and many more.

POLIANT can be applied widely independent from size and shape of the parts by spraying or dipping followed by a curing at temperatures less than 200 °C. Faults and damages can be repaired locally.

POLIANT is harmless to food and beverages, neutral to taste and aroma, and does not release any harmful substances when overheated. It can be applied without restrictions in kitchen and sanitary areas as well as in all cases with increased hygienic demand.

POLIANT is homogenously bound to the surface and does not crack or peel off or break by canting or cutting or blunt impact.

POLIANT does not show ageing or embrittlement. It is purely inorganic and fully resistant against most chemicals and ultra violet radiation. POLIANT withstands temperatures up to 500 °C and does not release fumes or toxic gases in case of fire. Therefore POLIANT has the highest fire protection classification.

POLIANT is a registered trade mark of POLIGRAT and available through POLIGRAT in Europe and USA.



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POLIANT® is a transparent, inorganic coating of Silicon dioxide (SiO₂) to optimise the properties of metal surfaces without changing appearance, gloss and structure (haptic).

POLIANT® is distinguished by the following qualities:

- Colourless, transparent and free of pores
- Best cleanability
- Highest anti-graffiti-effect
- Temperature resistant up to 500 °C
- Good surface hardness (pencil hardness 7 - 9)
- Homogeneous adherence (cross cut, canting, bowl impact)
- Non-combustible, non-flammable (Class A1 acc. DIN 4102)
- No gases or fumes in case of fire
- Physiologic safe
- Resistant to UV-radiation (>7000 hours, ISO 4892)
- Resistant to mortar, lime, plaster
- Resistant to solvents and most chemicals
- Resistant to salt spray test (1000 hours)
- Resistant to Cass-Test (15 rounds)
- Resistant to boiling water and moisture
- Electrically insulating, non magnetic

Don't hesitate to contact the POLIGRAT-Group!

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