INFORMATION



Temperatures

The higher the ambient temperature the faster is the sublimation time. Air conditioning or general ventilation of the ambient air also shortens the sublimation time.



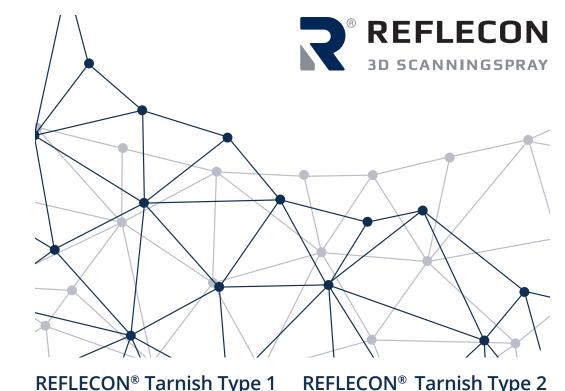
Surface texture

Sublimation time depends on material, surface, complexity and roughness of the scanned object.



Layer thickness of the matting agent

With a proper application of REFLECON® spray, a layer thickness of 3 μm or more is achieved.



Material suitability

The use of REFLECON® Tarnish 3D Scanningspray is suitable on the following materials:

- Metals and non-metals
- Thermoplastics such as PC, PP, PU or ABS
- · Polyester, cotton, PLA fibers
- 1-component coatings, plastics, rubber: For suitability see corresponding product information
- Glass and ceramics



Contact

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Detailing

- Sublimating

REFLECON® 3D Scanningsprays are used for matting and anti-reflective coating of highly reflective, mirror-like, transparent and very dark surfaces. As a result, these can be scanned better in optical measurement technology (e.g. 3D laser scanning) and complex geometries can be digitized faster and more accurately. The sprays are particularly indispensable for 3D scanning of components. The REFLECON® 3D Scanningspray is simply sprayed onto the surfaces before.







- Permanent



Sublimation process for REFLECON® Tarnish Type 1 products.







O Solvent based

Product Features

• Greatest effect with high-

• For 2-component lacquer

resolution scanners

For uncoated objects

②≈ 12-24 h

• Free of TiO2

save markers





- For ununcoated objects
- Wood compatible
- Solvent based
- Free of TiO2













(図) ≈ 12-24 h



- · Sublimation time depending on object and ambient temperature (Tarnish Type 1)
- No post-cleaning of the objects (Tarnish Type 1)
- No dust residue while spraying (Tarnish Type 1) → protects the fan of the laser equipment
- Declaration acc. to GHS
- Very good, thin and uniform spray pattern
- Very good adhesion and removability of marker
- Clean surfaces completely before use
- Minimum shelf life is 3 years at storage temperature for aerosol cans and bulks

The material suitability must be tested before use! The scan object should always be tested on a non-visible spot before using the scanning

sprays! No liability is assumed for any damage!

