



## **BASE PAINTING**

The best treatment for  
surface coating

# BASE PAINTING

## The project

In order to make the surfaces of the components ideal for applying the final finish, Giesse uses pre-treatment process to increase the resistance of the surface.

**Base Painting** is a surface treatment that protects the components, providing high resistance to corrosion and prepares a fund suitable for the next coating.

**Base Painting** pre-treatment is suitable for all aluminium and zamak alloys and casting, and it is ideal for both powder and liquid painting. Thanks to **Base Painting** treatment, after painting it is possible to reach the highest levels of resistance in salt spray according to UNI EN 1670.

Surface finish is an essential component of Giesse product quality. It is very often the last finish on parts that are not visible, or the basis for the processes that produce an attractive finish.

The corrosion protection function of surface finish is decisive for product quality, as it ensures durability even when there is mechanical wear.



## Technical features

**Base Painting** treatment consists in subjecting the raw component to a pre-treatment, which cleans the workpiece and prepares it to the phase of chromic conversion based **on chromium III high resistance and totally free from chromium VI**. This pre-treatment protects the surface until the final painting is done, ensuring a strong adhesion of the paint and improving the quality and performance of the final finish.

**Base Painting allows to paint the product as if it was a raw product**, thus avoiding having to worry about the possible excess of the thickness of the paint, through the settings of the parameters (eg. guns, electric conduction), which could cause problems with mechanical coupling of the painted components.

**Base Painting** can be also coupled to cycles of pre-treatment coating which provide a step of cleaning with acid attack.



Ecological



Corrosion protection



Pre-treated



Dedicated equipment  
for assembly



Compatible  
with all painting  
cycles

## What changes

The production process of every raw accessory, once purchased, consist in applying a pre-treatment that improves the grip and preserves the subsequent coating for a long time. This means time and costs

Accessories with **Base Painting** are ready to be painted, with Giesse warranty of the best surface pre-treatment.

### Standard production process



### Base Painting production process



## Dedicated equipment for painting and assembly

In order to improve the coating of based primer items and following assembly, Giesse has created a range of equipment to facilitate the work of the windows maker.

- The **support hooks** for coating (cod. 04085000) is a metal grid which provides the correct positioning of accessories and, at the same time, provides the necessary electrical contact with the pieces to be painted.
- **Manual lever press** is used to perform the correct assembly of handle, case and rotor of the cremone. With the suitable pallet, depending on the cremone, it performs the delicate phase of the rotor-fitting without damaging the case and the handle.



**04085000**  
Support hooks



**07000000**  
Manual lever press



**07002000**  
Pallet Prima cremone  
**07003000**  
Pallet Euro cremone  
**07005000**  
Pallet Unica cremone

**07008000**  
Pallet Asia cremone  
**07009000**  
Pallet Prima Key cremone  
**07020000**  
Pallet Kora cremone



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