

Zowo-plast®

Benefits of coating with Zowo-plast® compared to alternative colouring methods



For years, the trend in PVC windows has been towards the colouring of these.

Zobel's wet coating system Zowo-plast® creates premium surfaces which withstand even the toughest external influences. Further benefits include unrivalled colour and effect diversity and optimum processing properties.

Whilst extrusion / coextrusion and film lamination used to be the methods of choice in the past, today coating has become a preferred method for colouring. The reason for this is a whole range of advantages which are not achieved by alternative methods.

Zowo-plast® offers many benefits compared to extrusion / coextrusion, film lamination and front aluminium shell:

Environmental friendliness

- Consistent water-based system including substrate preparation
- Easy re-use of any remaining amounts

Economical processing

- Easy and time saving 1K system
- Coating possible in only one work step
- Direct substrate bonding, no composite system
- Coating of lying and hanging objects on window profiles or pre-fab components
- Easy re-finishing of any weld seams with original coating for uniform appearance
- Can be easily repaired

Cost and feasibility benefits

- Increases process efficiency and reduces operative complexity
- No investment-intensive machines/technology necessary
- Easy process
- Degree of automation in coating can be adapted according to requirements
- Reduced stock and lower capital commitment in storage
→ only white profiles need to be stored
- No start-up losses
- Short set-up times

Storage and logistics benefits

- Reduced logistical effort in supply chain
- High degree of delivery readiness as Zowo-plast® is designed for colour mixing machine
- Not dependent on the supply ranges of the system and film providers
- Fast project completion

Flexibility and individuality

- Individual colouring of PVC components possible from batch size 1
- Easy realisation of metallic and / or structure effects
- Colouring based on aluminium look
- Individual design of special constructions also possible
- Colour and effect design from a minimum order volume of 1 litre
- Coating of window exterior or interior or complete window
- Specific incorporation into façade design or interior