GTH Floor Ink

【Application】

This product is mainly used on PVC film wood texture print, suitable for decorative building material PVC surface, plastic floor and tile

【Product features】

- ❖ Good adhesion, difficult to peel off
- ❖ High quality pigment, vivid colour, good weathering performance
- ❖ High resolution print, good 3D texture
- ❖ Good heat resistance, uncommon to have colour fade and colour change issue
- ❖ Fast drying speed, difficult to pick up dirt, suitable for fast printing speed
- ❖ Plasticizer migration resistant, can be stacked without ink peeling off
- ❖ Good printing adaptability, stable performance for prolonged use

【Printing viscosity】

- ❖ Printing viscosity: 18~25 sec (Zahn 3#/ 25 ºC)

【Dilution】

Dilution adjustment depends on printing speed, weather, table below for reference

Drying Speed / solvent	fast	medium	slow
Butyl acetate	50	60	70
Ethyl acetate	50	50	30

【How to use】

- ❖ Stir the ink thoroughly and add solvent until printing viscosity is reached
- ❖ Printing viscosity adjustment depends on printing speed. It is recommended to use low printing viscosity for normal printing speed, high printing viscosity for low printing

speed. For printing speed between 80~100 m/min, we recommend printing viscosity at Zahn#3 18~25 sec

- Choice of solvent depends on actual printing environment, printing speed and drying performance. Customer can prepare their own solvent or use our fast, medium, slow drying solvent
- To decrease ink concentration, please use GTH varnish to ensure a stable ink performance
- For metal colour ink or pearlescent ink adjustment please use specialized GTH varnish for stable ink performance and better image representation
- Solvent：Water/ alcohol

【Precautions】

- To ensure suitability of this product customer should assess the properties of PVC film (thickness, size, stability etc.) and post printing heat process before using the product
- If customer decided to make their own solvent mix, please choose solvents that are compatible with the ink (MEK, ethyl acetate, butyl acetate), this is to avoid a change in ink property (high ink viscosity, separation etc.) due to the decrease in solvent solubility.
- When using this product please avoid mixing with other brand's ink or solvent as this might affect the ink properties
- This product does not contain aromatic hydrocarbon (Toluene, xylene etc.) and other controlled solvent, when customer prepare their own solvent mix please ensure it comply with relevant regulation
- This product is flammable, avoid naked flame and ensure safety in printing environment. Please refer to MSDS for more information

【Disclaimer】

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