

## AC 1040 ACRYLIC WHITE – WB

### TECHNICAL DATA SHEET

#### USING FIELDS and PROPERTIES

It is a water based printing paste used to achieve an elastic, soft touching white with excellent coverage in textile printing.  
It can be printed on cotton and cotton – polyester blend fabrics.  
If cured correctly as advised, the dry-wet rubbing and washing fastness are high.  
Rubbing and washing tests should be applied 24 hours after curing.  
Suitable to ecological standards.

#### PHYSICAL-CHEMICAL PROPERTIES

**Appearance** : White paste  
**pH** : 8,5-10 (25 °C/ 77 °F)  
**Density** : 1,36 g/ cm<sup>3</sup> (25 °C/ 77 °F)  
**Viscosity** : [(25 °C) sp: 7, rpm: 4 Brookfield ] : 300.000 – 400.000 [mPa.s]

#### APPLICATION

**Printing** : In order to have more covering, whiteness and elasticity in the print of AC 1040 Acrylic White - WB double print is advised with flash cure.  
To obtain best elasticity the thickness of the film on the surface of the fabric should not be too thin.  
In need of improving the elasticity of AC 1040 Acrylic White - WB, AC 1020 Acrylic Clear Base - WB can be added.

**Screen** : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk – 55 cm/140 inch mesh 64 micron silk should be used.

**Squeegee** : 55-57 Shore U type squeegee should be used.

**Mixture** : To colour AC 1040 Acrylic White - WB, FA series (1-5 %) or FR series (5-15 %) pigments are added. For curing at room temperature AC 1001 (0.5%) should be added. Washing tests should be done 48 hours after the printing.  
To reduce the viscosity, AC 1009 Regulator - WB can be added (1-3 %) into AC 1040 Acrylic White - WB.  
Never use water to reduce the viscosity. Before use, please stir the ink well. Do not use any additives that are not advised.  
After using, the screen should be cleaned with water.

**Curing** : Should be cured at 160 °C/320°F for 1,5 minutes.

#### SAFETY and STORAGE

It does not contain harmful substances for inhalation and skin when used. However in case of contact to sensitive organs, such as eyes or mouth wash with plenty of water. If necessary, medical assistance is advised. Keep containers dry and tightly closed. Store in a ventilated place between (+5)-(+30) °C/(+41)-(+86)°F of temperature.  
It should be consumed within 12 months after the production date.

#### PACKING

In 10 kg, 40 kg and 60 kg or 1 gal and 5 gal of plastic packings.



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