

DP 4000 DIAMOND SERIES

PHOTOGRAPHIC ELASTIC WATER BASED

- PRODUCTS** : **DP 4000 CLEAR**-Clear
DP 4005 WHITE-White
DP 4010 THICKENER - Reducer
DP 4015 MIDWHITE -White for colour scales
DP 4006 WHITE-White
DP 4008 WHITE – White
- FEATURES** : Excellent washing fastness,
Excellent working performance, (Appropriate for photographic print)
Excellent elasticity,
Excellent coverage,
Soft and silky touchness,
Complies with ecologic standards.
Suitable for transfer printing process
- APPLICATION** : Coloured by maximum % 5 of PG Group pigments. For getting more slipper and softer ground than the ground printed directly with DP2005White, %20-70 percentage of DP4000 Clear Paste should be added in the DP 4005 White. This mixture increases and strengthens the elasticity, pressure strength and colour productivity. For a comfortable working condition and a softer handling, DP 4010 REDUCER in a %1-2 percentage must be used. For the dark coloured fabrics that have difficulties for print application like red and blue,% 5- 10 White,% 90-95 Clear mixtures should be printed. Supported by RB2601Superfix Catalyst in % 0,5-1 percentage is used in low temperature fixing applications. Washing of the prints in which Catalyst is used must be done next day. In colourfull prints (especially red) for better colouring, it is recommended to add %5 PG Group Pigments in to DP 4015 COLORWHITE.
- COLOUR** : DP4000: Clear
DP4005: White
DP4010: Clear Liquid
DP4015: White
- PH** : DP400 Clear: 7.0±0,5
DP4005 White: 7.0±0,5
DP4010 Liquid: 8,5±1
DP4015 Colour White: 7,5±0,5
- VISCOSITY** : DP4000 Clear: (Brookfield 25°C Cp:6,Rpm:10)40.000–90.000Cp
DP4005 White: (Brookfield 25°C Cp:7,Rpm:20)120.000–200.000Cp
DP4010 Liquid: (Brookfield 25°C Cp:2,Rpm:100)300-350Cp
DP4015 Colour White: (Brookfield 25°C Cp:7,Rpm:20)40.000–200.000Cp



TDS

TECHNICAL DATA SHEETS DIAMOND POLYURETHANE WATER BASED

- DENSITY** : DP4000 Clear:1,05gr/ml
DP4005 White:1,43 gr/ml
DP4010Liquid:1,07gr/ml
DP4015Colour White:1,17gr/ml
- SCREEN** : 55/T-120/T Treads/cm is recommended.
- FIXING** : 160°C-165°C in 1,5-2 minutes.
- CLEANING** : Screens and other equipments may be cleaned easily by pressure water.
- WASHING** : Sensitive programs in 40°C or below.
- PACKING** : Plastic Packing of White 25-70kg- Clear 18-60kg.
- STORAGE** : Product should be stored at well ventilated room with between +10°C and +25°C temperature. It should be away from direct sunlight, excess heat and cold. Products should be stored with their sealed container. Expiry date is 12 months from the production date.

Note : Above mentioned qualified data is obtained from our R&D tests done in our own R&D labs. Supplied as General Knowledge and Information only and should not be considered as a Warranty Information. Printing Quality may change for different company conditions. Please start your production process after completing your own trial tests. Please stir before using the product and keep the product in room temperature.