

# AquaShield™ 3051

## Velvet Touch Coating

### Product Description

AquaShield 3051 is a medium drying water-based high matte coating. Due to its unique surface structure the coating displays a pleasing velvet touch effect combined with excellent scratch and rub resistance. AquaShield 3051 is designed to enable later refinishing with UV coating or hot foil stamping.

### Applications

- Recommended application weight 3-4 g/m<sup>2</sup> (wet-on-wet)
- Ideally suited for :
  - Board & Paper
  - Single & double-sided applications
  - Conventional coating units (Anilox/2 Roller systems)

### Performance

- Gloss : -
- Matte : ++++
- Block resistance : +++
- Glueability/Foilability : o
- Drying speed : +++
- Double-sided applications : ●
- Rub resistance : +++

+ = low/slow    ++++ = very high/very fast    o = limited, test required    ● = suitable    - = not suitable

### Recommendation

- Use alkali and solvent resistant inks
- Circulate or stir well prior to use

### Thinning

- Reduce viscosity with water, if required

### Cleaning

- Use AniKleen Sol diluted with plain water for initial wash-up of blanket, roller & other parts of the machine
- Use AniKleen Sol to remove dried coating from the blanket, roller & other parts of the machine
- Use AniKleen Paste for thorough cleaning of Anilox Roller

### Physical Properties

- Appearance : Opaque liquid
- Solids : 38% ± 4%
- Viscosity : 45 Sec. ± 4 Sec DIN 4 @ 20°C
- Specific gravity : 1.04 g/cm<sup>3</sup> ± 0.04

### Storage, Handling & Packaging

- Storage & Handling : Protect from direct sunlight. Maintain storage temperature from 5°C to 30°C. Keep containers tightly closed, when not in use
- Shelf-life : 12 months from the month of manufacture if stored in unopened original packing, between 5°C to 30°C and not exposed to direct sunlight
- Packing : 20 kg containers; 210 kg drums and bulk options
- Caution : Avoid contact with skin and eyes. Use of hand gloves and safety glasses are recommended

Disclaimer : This technical data sheet is to inform and advise. The successful application depends on variety of factors which are beyond our control. We therefore ask for your understanding that this advice document cannot be used as the basis for claims.

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