

Permaset®



PERMASET® SYNTHETIC FIXER

TRADE PRODUCT ONLY

PERMASET® Synthetic Fixer is an additive designed for use with **PERMASET®** inks. It provides enhanced adhesion to textile substrates which, under normal conditions, could be problematic. **PERMASET® Synthetic Fixer** is most widely used for textile print applications over synthetic materials such as polyester/cotton blends or textiles rich in polyester or acrylic fibre.

BENEFITS

Addition of **PERMASET® Synthetic Fixer** improves washability and rub resistance of cured prints.

CURING

To obtain maximum benefits from the use of **PERMASET® Synthetic Fixer**, it is important to ensure that the recommended curing times for **PERMASET®** inks are followed.

DIRECTIONS FOR USE

Addition rates of **PERMASET® Synthetic Fixer** will vary according to the fabric type and the ratio of synthetic:natural fibre. Starting point additions are in the order of 1–3% (by volume). The greater the proportion of synthetic in the fabric, the larger the amount of **PERMASET® Synthetic Fixer** required.

Polyester/cotton blend (50%) 1% (10 mL in 1 L)

Polyester (100%) 3% (30 mL in 1 L)

CAUTION

The addition of **PERMASET® Synthetic Fixer** to **PERMASET®** ink products can result in a slightly reduced viscosity of the inks. In these instances, it is good practice to reduce the squeegee pressure slightly so as not to drive the ink through the fabric.

IMPORTANT

The addition of **PERMASET® Synthetic Fixer** to **PERMASET®** products can result in prints of a harder handle (i.e. prints will feel harsher to the touch). This can be counteracted via the addition of **PERMASET® Fabric Softener** at 1–2% by volume. Prior to attempting any print run, experimentation with a test piece is recommended in order to test for adhesion, wash, rub and dry-clean resistance.

STORAGE & HANDLING

Containers should be kept in a cool dark place out of direct sunlight and away from sources of heat. Containers should be tightly closed when not in use. Keep out of reach of children.

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HEALTH & SAFETY

Please read the Safety Data Sheet before using this product and wear suitable gloves, respirator and goggles while using this product.

NOTE: The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our business, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason, our products are sold without warranty and on condition that users conduct their own tests to satisfy themselves that they will fully meet their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.

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