

Veralite[®] - Printing

Veralite[®] doesn't require pretreatment before printing, since the surface tension is high enough to obtain good results.

Veralite[®] must be completely clean before the printing. It is advised to leave the masking film on the sheet, until it has to be printed.

Veralite[®] can be cleaned with a lukewarm soap solution. After sufficient rinsing, you can dry it with a shammy leather.

Dots of ink can be removed by using ethanol or petrol-ether.

Veralite[®] can be printed through : dry-offset, lithography, flexo, screen printing, etc ...

Although almost all printing inks can be used, it is advised to do proper testing before going into production.

Printed Veralite[®] sheets are more brittle, since to obtain good adhesion, the surface will be chemically attacked.

Veralite[®], because of the good chemical resistance, does not absorb the printing ink, which implies that it is sensitive to abrasion. This can be minimised by applying a light coat of clear lacquer on the printed surface, or can be solved by reverse printing.

Please find on following page a list of printing inks giving excellent results on Veralite[®]

Avoid exceeding the heat distortion temperature of 63°C during the cure/dry process.

Veralite[®] sheet can also be coated. We advise Kolorbond[®] coatings. If applied to Veralite[®] 100, it is advised to use a primer before spraying the colour coating.

Crystallised Veralite[®] 100 gives poor results concerning adhesive strength of the coating.

Printing inks giving excellent results on Veralite® sheet are :

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| Solvent-based inks | Maraglos GO type Polyplast PY diluted + 20% ZV557 Mattplast MG diluted + 10% ZC521 Mattplast MH + 10% ZC521 Vipro VL 8700(+hardener in case of Veralite 100) types and PP3000 Turboprint TP (for white Veralite 100 + 5% hardener NXD) PK-Jet / CP / J Z-PVC (2 component-ink) Printing ink HV/Z + 15% retarder 46038 2K Printing ink AR/Z + 10% H19074 + 15% R19479 | Marabu Werke Gmbh Sericol Limited Sericol Limited Sericol Limited Visprox B.V. Unico N.V. Coates Screen Coates Screen Ernst Diegel Gmbh Ernst Diegel Gmbh |
| Water-based inks | Aquaplast PW not diluted Flexo PP/3032 Flexo PP/3024 | Sericol Limited Arets Arets |
| UV-printing inks | Petg inks (container inks) Eurocur Multiprint + 5% GS305 AM 949 + 5% GS305 UVP + 5% hardener UVD | Sericol Limited Zeller+Gmelin Gmbh Dubuit Dubuit Unico N.V. |

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|----------------------|------|--------------------|------|--------------------|
| Coates screen | Tel. | +49-911,64 22-0 | Fax. | +49-911,64,22-200 |
| Marabu Werke Gmbh | Tel. | + 49-1.48.02.89 | Fax. | + 49-1.48.02.43.19 |
| Visprox B.V. | Tel. | + 31-235.24.81.31 | Fax. | + 31-235.24.78.62 |
| Zeller + Gmelin Gmbh | Tel. | + 49-7.16.18.02 | Fax. | + 49-7.16.18.02.00 |
| Unico N.V. | Tel. | + 32-2.582.16.90 | Fax. | + 32-2.582.52.40 |
| Ernst Diegel Gmbh | Tel. | + 49-6631.785-0 | Fax. | + 49-6631.46.46 |
| Sericol Limited | Tel. | + 44-1843.87.20.63 | Fax. | + 44-1843.87.20.68 |
| Arets | Tel. | + 32-3.827.78.71 | Fax. | + 32-3.830.06.69 |
| Coates Lorilleux | Tel. | +33.1.41.35.69.33 | Fax. | +33.1.41.35.63.34 |
| Dubuit | Tel. | +33.1.64.67.41.60 | Fax. | +33.1.64.67.41.89 |
| Coates Screen | Tel. | +32-2.216.02.36 | Fax. | +32-2.216.36.14 |

All above information is based on current knowledge and experience. The data does not imply any warranty from the manufacturer towards third parties. Users should consider the above data as a guideline and gather additional information, to make independant decisions regarding the proper use, disposal, safety towards other parties and the protection of the environment.

For more specific information, please feel free to contact our technical department :

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