Terasit AP
Wet impregnation based on hydrocarbon polymers

PROPERTIES:

- air-permeable impregnation of fibres
- excellent abrasion resistance
- does not need thermal fixing
- also suited for the application on tents, tarpaulins and thick fabrics
- can be applied by the bath method and also by using a spray gun, a brush, a sponge or a roll
- free from organic halogen combinations including fluorocarbon combinations
- will NOT achieve resistance to chemicals

APPLICATION:

Apply Terasit AP in the final rinse in a washing extractor. Add the product after reaching the water level and after the drum starts to move. The washed textiles must be free from all traces of detergent and alkalis by careful rinsing before they become impregnated, as even little quantities of surfactants or detergents can lead to a decrease in effectiveness. It is expedient to add approx. 1 ml/l (0.13 fl oz/gal) acetic acid 60% to the final rinsing bath in order to ensure that the textiles do not contain any residues of alkali.

Dilute Terasit AP with 1:3 - 1:5 with water of 30 - 50 °C (86 - 122 °F) under stirring. Avoid high shear forces, as the emulsion can be damaged irreversibly. This stock solution is then stirred into the treatment liquor. Adjust the treatment bath to a weakly acid pH value of 4 - 5 with acetic or formic acid.

For the impregnation of garments, 30 - 40 ml/l (3.9 - 5.1 fl oz/gal) are needed. The liquor temperature can be raised to 50 °C (122 °F) for materials which are difficult to wet; the normal temperature is 20 - 40 °C (68 - 104 °F). Treat the textiles approx. 20 - 30 minutes in the impregnating liquor, centrifuge them briefly, dry them (Please obey the care label!) and press as usual (Iron temperature setting approx. 150 °C/302 °F).

Large-sized fabric items (tents and tarpaulins) can be impregnated by applying at 40 - 60 ml/l (5.1 - 7.6 fl oz/gal) Terasit AP solution with a spray gun, a brush, a sponge or a roll. If you work on finishing baths, for topping up the liquor level a topping-up additive in the initial concentration is necessary (30 - 40 ml/l resp. 3.9 - 5.1 fl oz/gal).

For industrial use only. This information sheet is for guidance only. The data set out here are based on the current status of our knowledge and experience. They do not in any way absolve users of the need to carry out their own checks and tests for suitability of the products for the intended processes and purposes. The data in this information sheet do not represent assurance of properties and stability of the products we are to supply. Subject to technical modifications within reason. The current version of the EU Material Safety Data Sheet must also be observed.
TECHNICAL DATA:

Density 20 °C (68 °F) 0.99 g/ml
pH-value (conc.) 3.5 - 4.5

HINTS:

**Storage**
The product is sensitive to frost and heat and should not be stored at temperatures below 0°C (32°F) resp. over 40°C (104°F). Irreparable damages are possible. The product can be stored for at least 12 months in its original sealed packing.