

PE 1/004

PE 1/004 is a modified natural rubber latex formulated to be compatible with cationic bitumen emulsions.

Types of Applications

This product has been specifically developed to provide compatibility with a wide range of cationic bitumen emulsions for the various applications in road construction such as surface dressing, microsurfacing and tack-coats.

PE 1/004 can either be used as received or diluted using dilute hydrochloric acid (5%) prior to blending.

Incorporating between 2 to 5% (dry) rubber into a cationic bitumen emulsion enhances the durability and performance properties of the road surfacing by increasing the low temperature flexibility, reducing deformation at high temperatures and increasing adhesion between the bitumen, aggregate and substrate.

TYPICAL PROPERTIES	
<u>COLLOIDAL PROPERTIES</u>	
Total Solid Content (%)	65.5
Brookfield Viscosity @ 25 ⁰ C	
LVT 4/60 rpm, cps	600max
pH	4.5
Mechanical Stability, sec	1800 min

*Average results

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All information is given in good faith but without warranty. We will not accept liability for any damage, loss or patent infringement resulting from the use of this information.

Recommended Storage Conditions

It is important to store the product under shelter at temperature between 10⁰C and 38⁰C. Creaming of latex may still occurs during storage. Therefore it is necessary to mix well the latex before use. As the product is based on natural rubber latex, changes in colloidal properties may occur upon storage. It is recommended to test the colloidal properties of the latex if it is kept in storage over a long period of time.

Handling Precaution

Before handling any type of latices, read product information, Chemical Safety Data Sheets and container labels for safe use, physical and health hazard information.

Type of Packing

Available in both drum and bulk packing.