Xyjiao® LC-603
Water-Resistant VAE Emulsion

Product Description

Xyjiao® LC-603 is a modified, multifunctional, self-crosslinking waterborne polymer emulsion. Its adhesive film is soft, with high elongation and good water resistance. It bonds a wide range of substrates and has good heat resistance. It is widely used to form strong, durable bonds with various porous, loose-structured materials or materials with dense surfaces. Its coating film is soft and its wet tack is strong. It shows a pronounced thickening response to solvents and plasticizers. It is particularly suitable for bonding products requiring high water resistance.

Features

• High water resistance
• Strong wet tack
• High adhesive-film strength and good toughness

Applications

• Bonding plastic films to paper, cotton fabric and wood
• Packaging adhesives; bonding paper and paperboard
• Textile lamination, footwear manufacturing and leather applications
• Particularly suitable for laminating PVC, PET and BOPP films to coated and uncoated paper
• Very good adhesion to a range of plastic surfaces, UV coatings and ink-coated surfaces

Product Parameters

Solids content / %	55±1
Viscosity / mPa·s, 25 °C	1500-3500
pH	3.0-5.0

Storage

5-30 °C. Shelf life: 6 months.

Packaging

50 kg