VINNAPAS® VAE FOR CARPET BACKING DISPERSIONS

VINNAPAS® vinyl acetate-ethylene copolymer (VAE) dispersions are suitable for use in a broad range of carpet backing applications such as tufted broadloom, carpet tiles, and artificial grass.

WACKER offers a number of carpet backing dispersions with strong binding strength, varying hand, and excellent processability. These products offer a wide range of flexibility and can be compounded to fit nearly every application. VINNAPAS® VAE dispersions excel in low odor, low emissions and flammability resistance.

VINNAPAS® carpet backing dispersions are excellent binders with fillers such as calcium carbonate and aluminum trihydrate (ATH), and they compound readily with most other formulation additives used in the carpet manufacturing industry.

Service:
Customer-specific formulations can be developed and tested via in-house testing according to the methods of the carpet industry including delamination and tuft bind tests.

Properties at a Glance
VINNAPAS® VAE dispersion is a high-quality binder for carpet backing applications. It provides:
• Strong tuft bind
• Good delamination strength
• Excellent dimensional stability
• Good penetration
• Very low odor, low emissions
• Lower flammability, reduced smoke

The tuft bind test examines how well the precoat adheres the fibers to the primary backing.

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