PLEXTOL™ E 307

Sell Sheet

High solids acrylic for strong bonding, easy application and long-lasting performance

Today's market demands flooring adhesives that offer exceptional bonding strength, long-lasting performance, ease of application, and safety. These features ensure quality, save time, and improve the working conditions of installers.

Introducing **PLEXTOL™ E 307**, Synthomer's latest grade in flooring adhesive applications. This pure acrylic polymer dispersion is designed to securely bond various elastic coverings such as carpet, PVC, linoleum, and rubber to non-flexible floors.

PLEXTOL™ E 307 stands out with its excellent shear and peel strength, ensuring durable and long-lasting performance. It also maintains good dimensional stability, providing minimal movement or distortion of your flooring materials. Thanks to the dispersion's resistance to plasticisers, it prevents migration and preserves the bond over time. With an optimal open time and strong initial wet grab, this adhesive offers ease of application.

PLEXTOL™ E 307 is a high solids content polymer dispersion, with an APEO-free and ammonia-free formulation for safer handling and a more pleasant working environment.

Choose **PLEXTOL™ E 307** for your professional flooring adhesives, and experience consistent performance with outstanding results.

Property	PLEXTOL™ E 307
Chemistry	Pure Acrylic
Solid Content in %	62.0
pH value	7.0
Viscosity in mPa·s	<500
Tg in °C	-10

Features

- High solids content
- Excellent shear and peel strength
- Resistant to plasticisers
- Strong initial wet grab
- Optimal open time
- APEO and ammonia free

Applications

- Flooring adhesives
- Flexible floors:
  carpet, PVC, linoleum, rubber
- Non-flexible floors: stainless steel, glass

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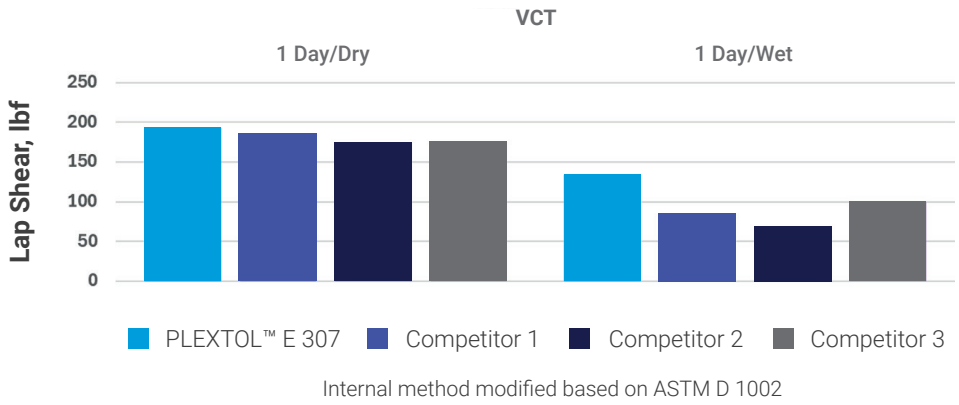
Performance Comparison

Lap Shear Test

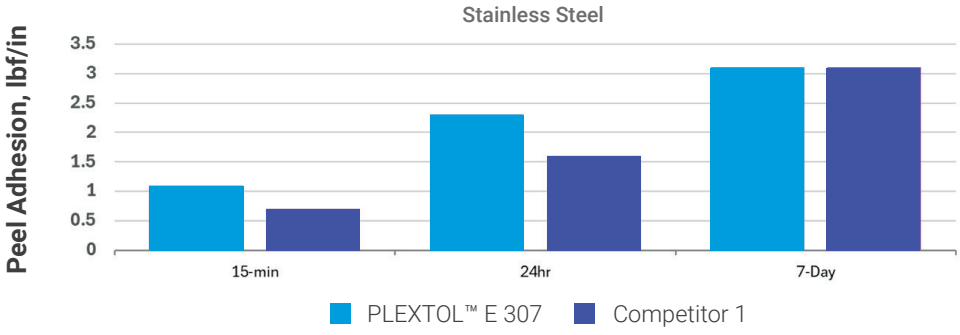


Internal method modified based on ASTM D 1002

Static Shear Test

Test methods: PSTC-107

180° Peel Adhesion



Test methods: PSTC-101

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