



Effective: 2010.11.29

Witcobond.com

## Witcobond<sup>®</sup> W-290H

Witcobond<sup>®</sup> W-290H is an aqueous polyurethane dispersion with no free isocyanate.

### Typical Dispersion Properties

Solids Content (%)	61 - 63
pH at 25°C	7 - 9
Viscosity at 25°C (cps)	200 - 600
Appearance	White
Polyurethane Dispersion Type	Aliphatic, polyester, anionic
Co-solvent: % / Type	0 / -
Specific Gravity at 25°C	1.07
Tg / Minimum Film-Forming Temperature (°C)	-44 / 0

### Typical Film Properties

Tensile strength (psi) / (MPa)	6000 / 40
100 % Modulus (psi) / (MPa)	300 / 2
Ultimate Elongation (%)	600
Hardness: Konig / Sward / Pencil	20 / - / -

### Safety, Storage and Handling Information

The appropriate Material Safety Data Sheet must be consulted before Witcobond W-290H is stored, transported or used. Witcobond W-290H dispersion should be protected from frost, and stored between 5°C and 30°C. Witcobond polyurethane dispersions should be stirred thoroughly before use. Under these storage conditions Witcobond W-290H in original, unopened containers has a shelf life of twelve months.

Witcobond<sup>®</sup> W-290H is manufactured and distributed by Chemtura Corporation and its subsidiary company, Baxenden Chemicals Limited."



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