

## MARINE

Our structural adhesive systems are perfect for the marine industry because they need little or no surface preparation therefore reducing dust emissions and increasing production speed. They can be used for a variety of applications including composite stringers, liners and deck to hull bonding. This is why companies like Sunseeker International, Formula Fastech, Victory Team and

Northshore Yachts are all users of our adhesives.

- Outperforms laminated joints
- Reduces cracking and crazing of gel-coats
- Gap filling up to 50mm
- Faster and easier assembly including ability to hand mix



## TRANSPORT

Rail, bus, coach and truck companies such as Alstom, Bombardier, Volvo, Virgin and NABI use our adhesives in various ways. They choose us for bonding floating floors and modular washrooms in railway carriages, composite body panels in buses and coaches as well as the doors, headlamp surrounds and front grills for trucks. Our products are popular because of reliability and ease of use.

- Rapid cure at room temperature reduces production time
- Resistant to oil and diesel
- Bonding of dissimilar substrates
- Excellent fatigue resistance



## AUTOMOTIVE

Car manufacturers like Ford, GM, Rover, Chrysler, Saab and Land Rover use Plexus Structural Adhesives. Our products can bond bumpers, spoilers, dashboards, body panels, front grills etc. But as well as that, our structural adhesives are fully regrind compatible, so plastic components can be recycled without the need for cutting out the

joints. In fact thousands of car bumpers bonded with Plexus Adhesives have already been recycled.

- Speeds production
- Bonds dissimilar substrates
- High strength & durability
- Proven application history



## WIND ENERGY

Our specialist structural adhesives have dramatically benefited the way the wind turbine industry designs and builds. Used extensively in the manufacture of wind blades, turbine housing assemblies and lightning suppression systems, our structural adhesives produce, high strength bonds to virtually all polyester resins and gelcoats,

as well as most engineered thermoplastics and metals.

- Chemically Fuse Composites
- Superior bond strength and fatigue resistance
- Decrease assembly costs
- High strength and durability



## ENGINEERED CONSTRUCTION

We work with our customers to offer specialist adhesive solutions to meet their specific production requirements. We have a proven track record of bonding composite and thermoplastic doors, GRP architectural features, pultruded bridges, GRP tanks and more.

- Room temperature curing
- Superior performance bonding dissimilar substrates
- Working and fixture times to suit all your applications
- Excellent chemical resistance



## AGRICULTURAL

Plexus structural adhesives are extensively used by agricultural machinery manufacturers to reduce production costs, streamline the assembly processes and ultimately improve overall machinery performance. We work in partnership with our customers throughout their design and production process to

ensure we provide the right structural adhesives fit for the arduous conditions and environmental rigors of the agriculture environment.

- Bonding of dissimilar substrates
- Variety of working and fixture times
- Resistant to oil and diesel
- Superior impact resistance



**ITW Plexus - European Division**  
 Unit 3, Shipton Way,  
 Express Business Park,  
 Northampton Road,  
 Rushden,  
 NN10 6GL. UK  
 T. +44 (0) 870 458 7588  
 F. +44 (0) 870 458 9077  
 E-mail. Sales@itwplexus.co.uk

**ITW Plexus - USA**  
 30 Endicott Street,  
 Danvers,  
 MA 01923  
 T. 1-800-851-6692  
 F. (978) 774-0516

**ITW Plexus - Asia**  
 73 Upper Paya Lebar Road Singapore 534818  
 T: (65) 6281 2996  
 F: (65) 6281 0996

30-32 Enoki-cho, Suita, Osaka 564-0053, Japan  
 T: 81-6-6330-7118  
 F: 81-6-63307083

Room 2703 No. 418 Guiping Road Caohejing Hi-Tech Park Shanghai, China 200233  
 T: 86-21-5426-1212  
 F: 86-21-5426-5229

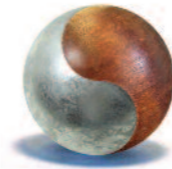


Manufacturing site in Ireland is ISO14001 approved

[www.itwplexus.eu](http://www.itwplexus.eu)



Exceptional Strength



High Impact Resistance



Excellent Fatigue Properties



Proven Application History

## INSPIRED BONDING SOLUTIONS



## SELECTOR CHART

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 Structural Adhesives

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