



# Product Data Sheet

## Aquahesive™ 5836

### General Information

Aquahesive™ 5836 is a two-component polyurethane adhesive used for structural bonding in the offshore industry. Aquahesive™ is especially appropriate for sea-water resistant bonding.

Aquahesive™ 5836 is our proprietary replacement for SABAPLAST 5836PP.

### Technical Data

#### Aquahesive™ 5836 - Part A

<b>Base</b>	Mixture of Polyols
<b>Colour</b>	Beige / Buff
<b>Viscosity at 25°C</b>	Pasty
<b>Density</b>	~1650 kg/m <sup>3</sup>
<b>Solids Content</b>	100%
<b>Flashpoint</b>	Above 200°C
<b>Solvent</b>	None

#### Aquahesive™ 5836 - Part B

<b>Base</b>	Polyisocyanate
<b>Colour</b>	Brown
<b>Viscosity at 25°C</b>	~100 mPas
<b>Density</b>	~1220 kg/m <sup>3</sup>
<b>Solids Content</b>	100%
<b>Flashpoint</b>	Above 200°C
<b>Solvent</b>	None

### Product Application

Download our Aquahesive™ Installation Procedure / Video on [www.aquasign.com](http://www.aquasign.com)

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### Operational Data

Operation	Instruction
Open Time	Approx. 30 minutes at room temperature
Curing Time	24 Hours
Coverage	100-400 g/m <sup>2</sup>
Cleaning	Acetone
Work Temperature	Minimum 10°C (Relative humidity not above 70%)
Storage Temperature	Minimum: 5°C / Maximum 35°C
Temperature Resistance	Minimum: -40°C / Maximum: 150°C
Typical Shelf Life	Upto 2 years - Always check expiry dates prior to use

### Cured Material

After 7 days at 25°C

Shear Strength, N/mm <sup>2</sup>	>4.0
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### Health Information

Download our corresponding Material Safety Data Sheet (MSDS) on [www.aquasign.com](http://www.aquasign.com)

### Packaging

Aquahesive™ 5836 is supplied in a 1.1kg kit consisting on 1kg Part A and 0.105kg Part B. Part B is enclosed in the Part A pail.

### Availability

Aquahesive™ 5836 is held as a stock item.