

## Lantor Soric<sup>®</sup> in Sinovel Nacelle

The Nacelle covers for Sinovel, the market leader in the Chinese wind industry, are manufactured by Eulikind in the Tianjin area of China.

Eulikind produces these nacelles fully with the vacuum infusion process. To improve the resin transportation and the stiffness, Soric flexible core is used in parts of the roof of the nacelle.

The round shape of the Sinovel nacelle, already has some form stiffness. But to fully commit to the applied forces that a nacelle will suffer during its life span, Soric XF 4 mm was introduced in the laminate build-up of the roof. Besides bulking the laminate to the desired stiffness it also enhances the infusion process as a inter-laminar resin flow medium.

**Customer:**

Eulikind  
China

**Lantor Soric<sup>®</sup> is used:**

- to enhance infusion process
- Increase thickness / stiffness in part of the roof

**Laminate build-up:**

- gelcoat
- Multiaxials
- Lantor Soric XF4
- Multiaxials

**Production technology:**

Vacuum Infusion

**Resin used:**

Polyester



**Lantor Composites**

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