



Sika Automotive SikaReinforcer®

SikaReinforcer® is a lightweight alternative to steel or other metal reinforcement that provides equivalent structural performance. It is a technology manufactured with two-shot injection molding, first with a complex injection-molded carrier (SikaStructure®) and then with a structural foam material. SikaReinforcer® can be engineered to further optimize sheet metal thickness for maximum lightweighting of body structure. The result of using SikaReinforcer® on the Volvo V90 is less weight and better performance.

Category:
Module

Application:
2017 Volvo V90

Weight Savings:
1.6 kg
lighter than comparable
steel solutions

Methodology:
Material Optimization