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