



CONSTRUCTION VEHICLE APPLICATIONS

INTERIOR/EXTERIOR BONDING

SCIGRIP adhesives provide strength and flexibility for a wide range of assembly applications, utilizing multiple working times and delivering a clean finished look.

Please visit www.scigripadhesives.com for more information

SG230HV ●

SG300 ●

SG400LSE ●

SG800 ●

SG5000 ●

Boom Arm:

Steel structure connecting the cab to the bucket.

Bond using SG230HV/SG300:
Exceptionally strong bonds for added stability and durability.



Brackets:

Structurally bonded metal brackets/supports throughout the vehicle.

Bond using SG300:
Exceptionally strong bonds for stability, durability and longevity.



Window Frames:

Lightweight aluminium or composite, providing impact/vibration resistance.

Bond using SG230HV/SG300/SG800:
Dissimilar material bonds, weatherproof sealing.



Roof Bonding:

Fibre-reinforced plastic or aluminium. Must transfer roof load evenly, eliminate stress concentrations and seal watertight.

Bond using SG230HV/SG300:
Long open time, large beads required due to size of assembly.



Trim Bonding:

Composite materials for lower weight, flexibility and aesthetics.

Bond using SG300/SG400LSE:
Requires strong bonding of dissimilar materials for small parts.



Door Bonding:

Aluminium or FRP/GRP used to deliver aesthetics, strength and impact resistance.

Bond using SG230HV/SG300:
Strong, weather-resistant bonds for panels subject to impact and vibration.



Cabin & Dashboard Assembly:

Composite materials for lower weight, durability and aesthetics.

Bond using SG300/SG400LSE:
Dissimilar material bonding with minimal surface preparation.



Chassis:

Steel/aluminium providing strength for load-bearing applications.

Bond using SG230HV/SG300:
Exceptionally strong bonds for stability and durability of large structures.



Engine Compartment:

Aluminium or FRP/GRP to withstand high temperatures without adhesive failure.

Bond using SG230HV/SG300/SG800:
Dissimilar material bonding with high temperature resistance.

