

Will glass coatings interfere with auto glass repair by creating issues with the resins used in the repair process?

This question often comes up when working with glass repair professionals. Specifically they want to know if the Nanovations NG-1010 will prevent resin from working properly on chip repairs and will there be any adhesion problems in general.

Many competitive products on the market are soft coatings, and they can migrate into cracks and chips, reducing adhesion of the resin. If these coatings migrate into the breaks, the resin cannot bond to the glass, which will ensure a repair failure.

Silicone contamination is a serious problem in manufacturing processes and a major source of problems in coating and adhesion processes of all types.

Some of these hydrophobic coatings have this problem on shower glass around the clamped hinges causing the glass to slide out of the clamps because of the slippery non-stick silicone used in the formulations.

Nanovations NG-1010 does not contain such chemicals and this allows for sealants to adhere to coated glass. Nanovations Australia has done testing to this effect with UV curable glue that is used to adhere glass to glass and glass to metal as well as door handles.

We have completed lab testing on the above content and it is available upon request.