

AGC Europe
BELGIUM

Dow Corning Construction Industry System Laboratory Report - Sealant Adhesion

Date: 2 March 2011**Job Name:** General Evaluation for AGC Flat Glass Europe**Customer:** AGC Flat Glass Europe

ADHESION TESTING (Modified ASTM C794) or (ETAG 002 Paragraph 8.3.2.4)

Dow Corning has completed adhesion testing / evaluation in support of the above referenced project. A summary of this laboratory testing / evaluation and application recommendations is given below.

1.			
		Substrate Description	
Substrate Manufacturer and Code		AGC	
Substrate Type		Glass - Reflective	
Substrate Description		Stopsol Classic Clear Bronze Green Grey Dark Blue	
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 791 Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 3793 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 3362 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing System	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications
2.			
		Substrate Description	
Substrate Manufacturer and Code		AGC	
Substrate Type		Glass - Reflective	
Substrate Description		Stopsol Silverlight Priva Blue	
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 791 Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 3793 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 3362 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications

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Dow Corning® 895 Structural Glazing System	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications
3.			
		Substrate Description	
Substrate Manufacturer and Code	AGC		
Substrate Type	Glass - Reflective		
Substrate Description	Stopsol Super Silver Green Clear Grey Dark Blue		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 791 Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 3793 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 3362 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing System	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications
4.			
		Substrate Description	
Substrate Manufacturer and Code	AGC		
Substrate Type	Glass – Reflective		
Substrate Description	Sunergy Clear Azur Green Dark Blue Grey		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 791 Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 3793 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 3362 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing System	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications
5.			
		Substrate Description	
Substrate Manufacturer and Code	AGC		
Substrate Type	Glass		
Substrate Description	Planibel Clear Grey		

	Azur Green PrivaBlue Bronze Dark Blue		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 791 Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 3793 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 3362 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing System	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications

6.	Substrate Description		
Substrate Manufacturer and Code	AGC		
Substrate Type	Glass		
Substrate Description	Planibel ClearVision Linea Azzura		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 791 Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 3793 Insulating Glazing Sealant	R40 solvent	Dow Corning®1200-OS Primer	Approved for Insulating Applications
Dow Corning® 3362 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing System	R40 solvent	Dow Corning®1200-OS Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications
7.	Substrate Description		

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Substrate Manufacturer and Code	AGC		
Substrate Type	Glass – Coated		
Substrate Description	Planibel G		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 791 Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 3793 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 3362 Insulating Glazing Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing System	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications

8.	Substrate Description		
Substrate Type	AGC Glass - Reflective		
Substrate Description	Blackpearl		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 3362 Silicone Insulating Glass Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Insulating Applications
Dow Corning® 3793 Insulated Glass Sealant	R40 solvent	No Primer	Approved for Insulating Applications
Dow Corning® 791 Silicone Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 796 Adhesive Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications
Dow Corning® 895 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Structural Applications

9. Sample 101067	Substrate Description		
Substrat Type	Enameled Glass		
Substrat Description	Color : Grey Référence : 10 Lacobel T 104-4		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 3362 Silicone Insulating Glass Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Insulating Applications

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Dow Corning® 3793 Insulated Glass Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Structural Applications

10. Sample 101068		Substrate Description	
Substrat Type	Enameled Glass		
Substrat Description	Couleur : Gris Référence : 10 Lacobel T 104-3		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 3362 Silicone Insulating Glass Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Insulating Applications
Dow Corning® 3793 Insulated Glass Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Structural Applications

11. Sample 101069		Substrate Description	
Substrat Type	Enameled Glass		
Substrat Description	Color : Black With coating PHOENIX AGC		
Sealant	Cleaner	Primer	Application Recommendation
Dow Corning® 3362 Silicone Insulating Glass Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Insulating Applications
Dow Corning® 3793 Insulated Glass Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Insulating Applications
Dow Corning® 895 Structural Glazing Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	R40 solvent	Dow Corning® 1200 OS Primer	Approved for Structural Applications

12.		Substrate Description	
Substrat Type	AGC Glass - Reflective		
Substrat Description	Stopsol Phoenix ref K1		
Sealant	Cleaner	Primer	Application Recommendation

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Dow Corning® 993 Structural Glazing Sealant	R40 solvent	No Primer	Approved for Structural Applications
Dow Corning® 791 Silicone Weatherproofing Sealant	R40 solvent	No Primer	Approved for Weatherseal Applications

Primer Application Statement

Surfaces that are cleaned and primed today must be sealed today, otherwise recleaning and repriming are required before application.

Application recommendations are based on Dow Corning laboratory testing, evaluation and technical specifications.

The cleaning and priming recommendations are only valid for a period of 12 months, starting from the date of this letter (2nd March 2011).

It is recommended that regular jobsite adhesion testing be performed throughout the project to confirm that good adhesion is obtained consistently on actual job site substrates. Information and literature on field adhesion testing and Dow Corning application procedures may be obtained by contacting your Dow Corning distributor or customer service representative.

For further information regarding these test results, please contact your Dow Corning Construction Field Specialist, Farida Draou, on +32 64888103 at Seneffe, BELGIUM
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Sincerely
DOW CORNING CORPORATION



Farida Draou
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