



Iplana
 Lenina st., 10a
 Korolyov
 Russian Fed.

Project Name: 14-009486 - general Evaluation
 Project Address: Korolyov Russian Fed.
 Sample Test Name: Sample 4

Ref.: ADHESION Test Report for general Evaluation - Sample 4

Dear Yuliya Rusakova,

The Dow Corning construction laboratory has completed the adhesion testing in support of your above referenced project.

The adhesion tests are performed in accordance to the Modified ASTM C794 or ETAG 002 Paragraph 8.3.2.4(6). A summary of this laboratory testing / evaluation and application recommendations is given below.

1. Sample Nr 51475	Substrate Details	
Substrate Type	Aluminum - Anodized	
Substrate Mnf Name / Supplier Name	Iplana	
Mnf code / Batch Number	CO E2 20 class	
Substrate Description	CO E2 20 class anodized surface Grey color	
Cleaner	Dow Corning® R 40 Universal Cleaner	
	Sealant	Primer
	Application Recommendation	
Dow Corning® 993 Structural Glazing Sealant	Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 895 Structural Glazing Sealant	Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 895 Structural Glazing Sealant	No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 121 Structural Glazing Sealant	Dow Corning® 1200 OS Primer, UV Traceable	100% Cohesive Failure
Dow Corning® 121 Structural Glazing Sealant	No Primer	100% Cohesive Failure



2. Sample Nr 51476		Substrate Details	
Substrate Type		Aluminum - Anodized	
Substrate Mnf Name / Supplier Name		Iplana	
Mnf code / Batch Number		CO E2 25 class	
Substrate Description		CO E2 25 class grey color anodized surface	
Cleaner		Dow Corning® R 40 Universal Cleaner	
Sealant		Primer	Application Recommendation
Dow Corning® 993 Structural Glazing Sealant		Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant		No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 895 Structural Glazing Sealant		Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 895 Structural Glazing Sealant		No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 121 Structural Glazing Sealant		Dow Corning® 1200 OS Primer, UV Traceable	100% Cohesive Failure
Dow Corning® 121 Structural Glazing Sealant		No Primer	100% Adhesive Failure

3. Sample Nr 51477		Substrate Details	
Substrate Type		Aluminum - Anodized	
Substrate Mnf Name / Supplier Name		Iplana	
Mnf code / Batch Number		CO E0 20 class	
Substrate Description		CO E0 20 class grey color anodized surface	
Cleaner		Dow Corning® R 40 Universal Cleaner	
Sealant		Primer	Application Recommendation
Dow Corning® 993 Structural Glazing Sealant		Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant		No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 895 Structural Glazing Sealant		Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 895 Structural Glazing Sealant		No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow



		Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 121 Structural Glazing Sealant	Dow Corning® 1200 OS Primer, UV Traceable	100% Cohesive Failure
Dow Corning® 121 Structural Glazing Sealant	No Primer	100% Cohesive Failure

4. Sample Nr 51478		Substrate Details
Substrate Type	Aluminum - Anodized	
Substrate Mnf Name / Supplier Name	Iplana	
Mnf code / Batch Number	CO E0 25 class	
Substrate Description	CO E0 25 class grey color anodized surface	
Cleaner	Dow Corning® R 40 Universal Cleaner	
Sealant	Primer	Application Recommendation
Dow Corning® 993 Structural Glazing Sealant	Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 993 Structural Glazing Sealant	No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 895 Structural Glazing Sealant	Dow Corning® 1200 OS Primer, UV Traceable	Approved for Structural Applications
Dow Corning® 895 Structural Glazing Sealant	No Primer	Approved for Structural Applications without priming. Recommended cleaning materials : Dow Corning® R40 Universal Cleaner or Dow Corning® R41 Cleaner Plus*
Dow Corning® 121 Structural Glazing Sealant	Dow Corning® 1200 OS Primer, UV Traceable	100% Cohesive Failure
Dow Corning® 121 Structural Glazing Sealant	No Primer	100% Cohesive Failure

* Dow Corning® R41 Cleaner Plus is not recommended for use in combination with other primers such as Dow Corning® 1200 OS Primer UV Traceable or Dow Corning® Primer C. It is developed to be used in applications where only cleaning is required. However, when compared with a normal cleaner, Dow Corning® R41 Cleaner Plus can help to improve the adhesion during the curing process following silicone application.

Dow Corning aims to provide high quality service and traceability of our test results to make them more meaningful and value added. To do so we need your help in providing us some information about the substrates you wish us to test, such as Project, vendor and product name as a minimum. This helps us to maintain our database and check for statistical changes over time that may occur as well as manage the risk of any quality or future claims. As a result if we don't receive this type information we may also limit the type and scale of warranty that we issue as this is linked to risk management and exposure to our recommendations. We appreciate your support on this important quality assurance aspect.



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The cleaning and priming recommendations are only valid for a period of 12 months, starting from the date of this letter (09 December 2014).

Primed surfaces must be sealed within the next four (4) hours. Any surfaces primed and not sealed within four hours must be re-cleaned and re-primed before applying sealant. Allow the primer to dry until all of the solvent evaporates. This typically takes from 5 to 30 minutes depending on temperature and humidity.

Dow Corning supports the use of our sealants in the above referenced projects based on details received and when used in accordance with the recommendations in this letter, in the print review letter and the procedures summarized in the Dow Corning Construction Technical Manuals located under http://www.dowcorning.com/content/construction/tech_manual_europe.asp.

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.

Dow Corning must test all eventual other substrates and accessory materials that come in contact with our silicone sealant equally. A sealant recommendation will be based on both this review and eventual other results of our laboratory testing.

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

For any queries in relation to those topics, please contact your respective Dow Corning Construction contacts or the Dow Corning Construction AETS laboratory at +32 64 888524. More information on Dow Corning product offering can be obtained through our Technical Information Center: eutech.info@dowcorning.com

Sincerely,

LORIANE PARISOT
AETS Manager - High Performance Building & Energy Solutions EMEA