

THERMALBOND.



Лента THERMALBOND® является отраслевым стандартом на рынке структурного остекления фасадов с 1979 года.

Санаторий «Источник Железноводск» откроется в городе - курорте Железноводск летом 2021 года.

Для отделки керамогранитом наружной части фасада применялась кассетная клеевая система Panelfix с использованием структурного клей-герметика GE SSG4000 и дистанционной ленты THERMALBOND V2100. Лента задает параметры клеевого шва и осуществляет временную фиксацию панели облицовки до момента полимеризации силиконового клей-герметика.

Благодаря высоким механическим свойствам, лента удерживает панели размером 2100*3200мм до момента полной полимеризации клея в течение 14 дней.



THERMALBOND V2100

Высокопрочная дистанционная лента из вспененного ПУ с открытыми порами.



Ленты THERMALBOND® совместимы со структурными силиконовыми герметиками GE Silicones- Momentive.

MOMENTIVE

Project Test Report

Version: 11015

Test Reference: Thermalbond Compatibility of Products – Saint Gobain
Momentive Test#: NY15-9893

Date: December 21, 2015

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Renee,

Momentive's Sealants Lab has completed the requested tests pertaining to the above test reference. Should you have any questions pertaining to the information provided in this test report feel free to contact me.

NOTES PERTAINING TO THIS TEST REPORT:

- The results contained herein were generated using industry-developed test procedures on substrates submitted to Momentive and are intended for use on this project only. These results should not be considered as a blanket result for other projects.
- The adhesion testing reported within was limited in scope and purpose and may not necessarily reflect actual end-use performance of the application. For that reason, Momentive recommends that adhesion tests be performed under end-use conditions and monitored as the sealant application progresses.
- It should be confirmed by the user that the samples submitted to Momentive for testing are/were representative of actual substrates that will be used on the project.
- Refer to Momentive product data sheet(s) for specific information and application procedures.
- Failure of substrate (i.e., joint delamination, softening or release of E.P.S. foam coats, etc.) are not considered to be sealant failures and are not covered under the Momentive Performance Materials warranty.
- All Momentive products are sold subject to its Standard Terms and Conditions of Sale.
- Any included test results and/or product recommendations for use in structural applications are only valid if Momentive has approved all substrates and accompanying materials that will come in contact with the proposed structural sealant and the following results would apply to this specific project only.

Report prepared by:

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Construction Testing Lab
Under the direction of Enel Bdl, Technical Services Manager – Construction Applications



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COMPATIBILITY TEST RESULTS

Referenced standardized test method:

- ASTM C1087 Standard Test Method for Determining Compatibility of Liquid Applied Sealants with Accessories Used in Structural Glazing Systems (may be modified)

Tested Part	Sealant	Observations	Rating ¹	Judgment
Saint Gobain Thermalbond V2100	9520000 9520000 9520000 9520000 9520000 9520000	No color change noted, good adhesive bond noted between sealant(s) and tested part	0	Deemed compatible
Saint Gobain Thermalbond V2100	9520000 9520000 9520000 9520000 9520000 9520000	No color change noted, good adhesive bond noted between sealant(s) and tested part	0	Deemed compatible

NOTES:

- Rating is graded using Table 2 from ASTM C 1087 (reprinted with permission).
- It is highly recommended that any gasket used as the spacer (in permanent and continuous contact with the structural silicone) in an SSF system be of 100% silicone composition. EPDM, Neoprene and other non-silicone rubber types are not recommended.
- It is highly recommended that caulking blocks (setting, sale, etc.) used in an SSF system be of 100% silicone composition. EPDM, Neoprene and other non-silicone rubber types are not recommended.

Table 2. ASTM Test Method C 1087 Seal and Color Change Descriptions

No.	Color Change	Change Description
0	None	No change from the controls.
1	Very Slight	Change so slight that you are not sure it is real.
2	Slight	Faint color - generally yellow.
3	Slight	Light color - commonly yellow, orange, pink, or brown.
4	Severe	Distinct color - possibly red or purple in addition to yellow, orange, pink, or brown.
5	Very Severe	Dark color - may be black as well as other colors mentioned.

Note - The colors listed in Table 2 are only the most commonly occurring colors. Any change of appearance from the controls should be reported.

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Объекты с применением клеевых лент для структурного остекления THERMALBOND V2100 & V2200.



Торгово-офисный центр «Хуамин»
г.Москва

Дата завершения строительства в 2018 г.
Применимая лента Thermalbond® V2100



Гостиница Marina Bay Sands Resort
Сингапур.

Дата завершения строительства в 2011 г.
Применимая лента Thermalbond® V2200

Компания SAINT-GOBAIN долгое время тесно сотрудничает с производителями силиконовых клеев и герметиков.

Для вулканизации однокомпонентных силиконов требуется воздействие атмосферной влаги. Сквозь открытые поры лент Thermalbond® поступает воздух и влага, что помогает вулканизации силиконовых однокомпонентных герметиков, а при двухкомпонентных - через поры ленты происходит выход метанола, который влияет на скорость вулканизации силикона.

Тесты доказали, что технология открытых пор Thermalbond® намного превосходит ленты ПВХ с закрытыми порами.

SAINT-GOBAIN