

#GPD2018
**ALL EYES
ON GLASS.**

GLASS PERFORMANCE DAYS 2018
17 APRIL, 2018, SHANGHAI, CHINA



NEW SILICONE TECHNOLOGY IN GLASS INDUSTRY – CRYSTAL CLEAR BONDING (TSSA, TSSL AND HM2400)

ABSTRACT

Structural silicone glazing has been used in construction industry for long time, the glass façade provide wonderful aesthetics of building. The architect always pursue the total vision design – the whole smooth and transparent glass wall, but headache for no properly transparent sealant or adhesive products can be used. Now Crystal Clear Bonding products including TSSA, TSSL and HM2400 can help to make it happen.

This presentation introduced the new silicone technology – TSSA, a possible alternative to traditional bolted point fixings could be the use of adhesively bonded connections. TSSL, a possible alternative to provide transparent adhesion glazing. HM2400, a possible alternative to traditional structural bonding or butt joint. Including the chemistry, application, mechanical properties and fatigue test results sharing.

玻璃工业的硅酮新技术 – 全透明粘结 (TSSA, TSSL 和 HM2400)

结构性装配已经在建筑工业使用了很久，玻璃幕墙为建筑提供了非常漂亮的外观。设计师总是追求全视野的设计 – 完整平滑且全透明的玻璃墙，但是头疼于没有合适的透明密封胶或粘结剂产品。现在全透明粘结产品包含TSSA、TSSL和HM2400，可以帮助实现设计师的梦想。

本次研讨将介绍一种全新的硅酮技术——TSSA，可以用来替代传统爪件式装配技术；TSSL，可以用于提供透明粘结装配应用；HM2400，可以用来替代传统的结构粘结和拼接缝应用。内容包含化学原理、应用、机械性能和老化测试结果的介绍。

Eric Wang, Building & Construction Dow Consumer Solution

王文开 陶氏消费品解决方案-建筑部

Visionary sponsor:



Bronze sponsors:

Beijing All Brilliant Technology Co., Ltd
Bohle AG
SURAGUS GmbH
Durr Systems GmbH

Building & Construction Dow Consumer Solution
Heifei VDI Corporation
iMGS Smart Glass
Technoform Group