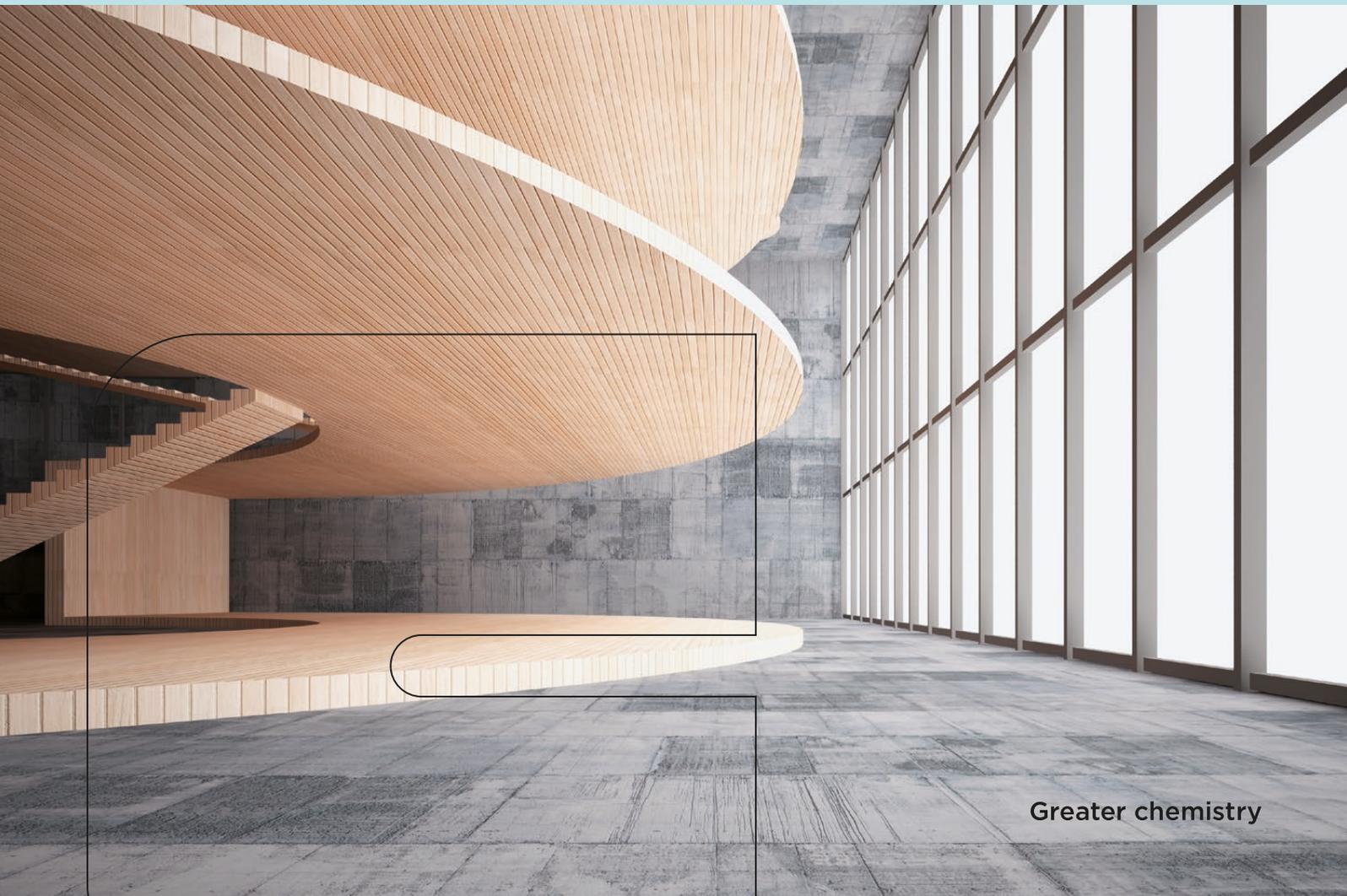


GLASS TO METAL, CONCRETE TO WOOD

# AddWorks™ IBC 760

## Boosting the performance of SMP sealants



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In recent years, the adhesive and sealant sector has seen remarkable advancement through innovative technology based on silane modified polymers (SMP). These materials deliver exceptional performance by merging durability with sustainable characteristics. Their composition helps to minimize the use of harmful ingredients while offering formulators extensive customization possibilities, making them increasingly popular in modern bonding applications.

AddWorks IBC 760 is an optimized mixture of a UV absorber (UVA), hindered amine light stabilizer (HALS) and antioxidant (AO), which delivers outstanding UV and heat resistance. Available as a micronized powder, it contributes to prolong the service life of SMP sealants, by reducing cracking and yellowing that typically occur during exposure to strong sunlight and high temperature conditions.

### KEY PRODUCT FEATURES AT A GLANCE



**OUTSTANDING  
LIGHT STABILITY**



**EXCELLENT  
HEAT RESISTANCE**



**LOW  
YELLOWNESS INDEX**



**IN-CARTRIDGE  
COLOR STABILITY**

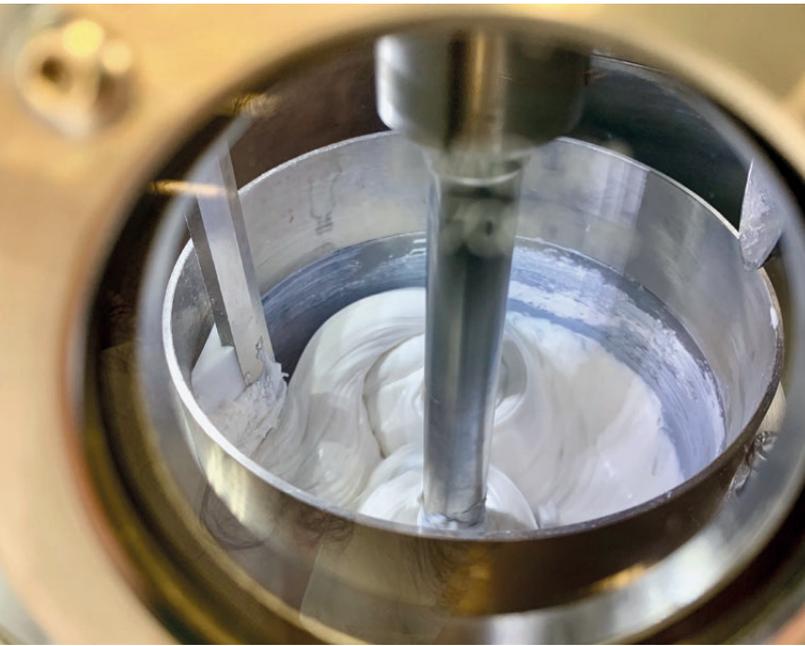
### PERFORMANCE DATA

	INDUSTRY STANDARD UVA 326 + HALS 770 + AO 1010	NEXT BEST ALTERNATIVE BLEND 5866	ADDWORKS IBC 760
Reference samples Initial			
2000 hours WOM exposure Dosage level 0.9%			
Heat stability <sup>1</sup> [hours]	2000	1950	2350
Surface cracking <sup>2</sup> [hours]	1700	1150	2150
Tensile strength <sup>3</sup> @ break [N/mm <sup>2</sup> ]	3.8	3.6	3.8
Elongation <sup>3</sup> @ break [%]	420	405	430

<sup>1</sup> Heat stability: tested at 110 °C (time when sample fails)

<sup>2</sup> WOM exposure tests: according to ISO 4892-2 wet/dry

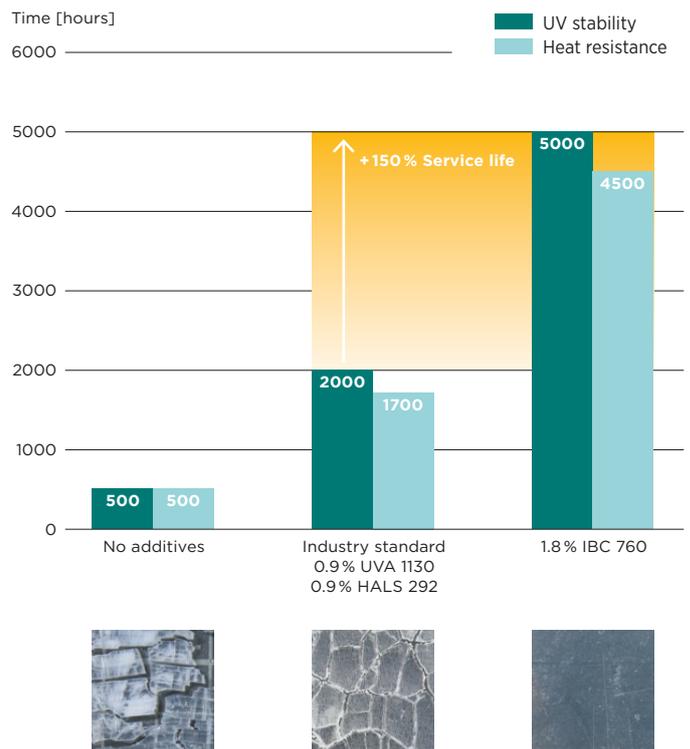
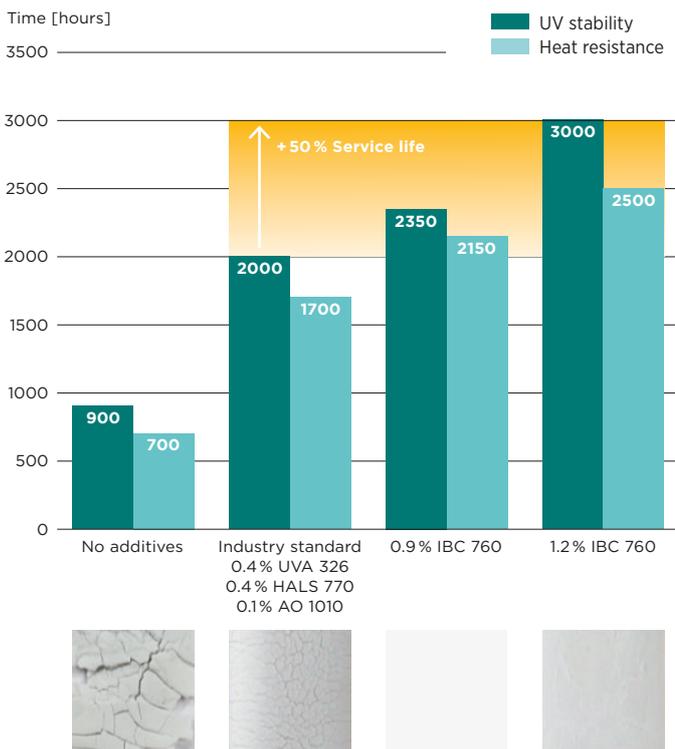
<sup>3</sup> Tensile strength & elongation: according to ISO 37



### HIGH MODULUS 1K-SMP FORMULATION

SMP prepolymer	29.2%
Plasticizer	14.5%
Hakuenka® CCR-S10 ultrafine precipitated calcium carbonate	52.0%
<b>AddWorks IBC 760</b>	<b>0.9%</b>
Adhesion promoter	0.9%
Moisture scavenger	2.0%
Tin catalyst	0.5%
<b>TOTAL</b>	<b>100.0%</b>

### BOOSTING THE PERFORMANCE OF FILLED AND CLEAR SYSTEMS - LIGHT & HEAT STABILITY PERFORMANCE



— AddWorks IBC 760 at 0.9% exceeds the performance of industry standard in both light and heat stabilization, setting a **new benchmark**.

— Increasing the dosage level of AddWorks IBC 760 to 1.2% **surpasses** the industry standard performance by 50%, reaching 3000 hours in WOM testing.

— AddWorks IBC 760 offers **exceptional** performance in clear systems, revolutionizing industry durability standards.

— AddWorks IBC 760 reduces surface cracking, **maintaining clear aspect** of sealants for longer.

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