



REFURBISHMENT PROTECTIVE COATINGS FOR CONCRETE

SELECTION GUIDE

BUILDING TRUST



PROVEN DURABILITY IN SERVICE

Reinforced concrete building or civil engineering structures can be designed or refurbished to retain their appearance for at least 10, 15, 20 or even more years with Sika protective coating systems. The system should be selected according to the specific exposure and the owner's requirements.

In Poland, independent testing has shown that protective coatings applied on the external faces of cooling towers still meet or exceed the requirements of European Standard EN 1504-2 after 16 years of exposition to severe climatic conditions. It is therefore no surprise that Sika won many awards of longevity from the prestigious International Concrete Repair Institute (ICRI).



MEMBER OF
**INTERNATIONAL
CONCRETE REPAIR
INSTITUTE**



	Aesthetic Parameters			Performance Parameters	
	Color retention*	UV resistance*	Dirt pick up resistance	Crack bridging	Long term performance
Sikagard®-550 W Elastic	xxx	xxx	xx	xxx	xxx
Sikagard®-545 W ElastoFill + Sikagard®-550 W Elastic	xxx	xxx	xx	xxxx	xxx
Sikagard®-690 W HD	xxxx	xxxx	xxxx	xx	xxxx
Sikagard®-675 W ElastoColor	xxx	xxx	xxx	x	xxx
Sikagard®-680 S BetonColor	xxx	xxxx	xxx	-	xxxx
Sikagard®-720 EpoCem®	-	xxx	x	-	xx
SikaTop® Seal-107	xx	xx	x	x	xx
Sikagard® WallCoat T	x	-	xxx	-	xxx
Sikagard®-260 W PU	xxx	xxxx	xxx	-	xxx
Sikagard®-62 + Sikagard®-363	xxx	xxxx	xxx	-	xxx
SikaCor SW-500	x	-	xx	-	xxx
Sikalastic®-152	xx	xx	x	xxx	xx

Legend: xxxx: Best performance xxx: Very suitable xx: Suitable x: can be considered for short to medium term - : Not suitable

Note*: Color retention and UV resistance are dependent on the color, as darker, more intense shades will always have lower UV resistance and color retention.

EXPERIENCED IN ALL ENVIRONMENTAL CONDITIONS

Sika protective coating systems have been designed and used extensively to withstand all types of weathering and climatic conditions, from the winter cold of North America and Eastern Europe, the heat and humidity of Central and Southern America or Asia, to the dry, arid heat of the Middle East and desert regions around the world .



Bridge project in Qatar



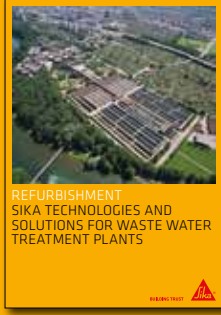
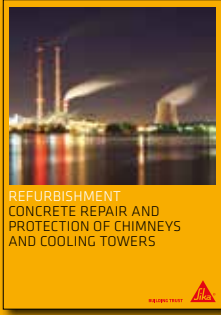
Bridge project in Malaysia



Silo project in Norway

Mechanical cleaning resistance	Application Parameters			Usage			
	VOC	Hand application	Machine application	Civil engineered structures	Buildings	Tunnels	Marine structures
-	xxxx	xxxx	xxxx	xxxx	xxxxx	-	xx
-	xxxx	xxxx	xxxx	xxx	xxxxx	-	xx
x	xxx	xxxx	xxxx	xxxx	xxxx	x	xxxx
x	xxxx	xxxx	xxxx	xxx	xxx	x	xx
x	-	xxxx	xxxx	xxxx	xx	x	xx
-	xxx	xxx	xxx	xxx	-	xxx	xx
-	xxxx	xxx	xxx	xxx	xxx	-	xx
xxxx	xx	xxxx	xxx	-	-	xxxx	-
xxxx	xx	xxxx	xxx	-	-	xxxx	-
xx	x	xxx	xxx	xxx	-	-	-
xxx	x	xxx	xxx	-	-	-	xxxx
-	xxxx	xxx	xxx	xx	xxx	-	xx

ALSO AVAILABLE FROM SIKA



FOR MORE INFORMATION ON SIKA REFURBISHMENT SYSTEMS AND SOLUTIONS:



WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



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