



DATA SHEET
NYACOL® LiSol™ 6

LiSol™ 6

Lithium Stabilized Colloidal Silica

NYACOL LiSol™ 6 is a lithium stabilized colloidal silica intended for use in treating concrete. The small particle silica acts to increase the density and hardness of concrete surfaces and lithium acts to reduce the effects of alkali-silica reaction or ASR. ASR effects include abnormal expansion and cracking of concrete. LiSol 6 is environmentally friendly. The pH is moderate compared to lithium silicate and there is no nitrate or chloride in the product.

TYPICAL PROPERTIES

Appearance:	Clear liquid
Solids, % by weight:	13 - 15
Particle Size, nm	6 - 8
Viscosity, cP:	<10
pH:	9 - 10
% Li:	<0.5

PRIMARY APPLICATIONS

LiSol 6 can be used on exterior concrete and warehouse floors, commercial floors, and large scale construction. The product provides a dense surface with improved wear resistance and reduced dusting and protection from ASR induced expansion and cracking. Coverage is 400-500 square feet per gallon.

METHOD OF APPLICATION

New concrete: Dilute 6 to 1 with water and use a low-pressure sprayer. The surface should be fully wetted and then allowed to dry.

Existing concrete: The surface should be scrubbed clean. Dilute 4 to 1 with water and use a low-pressure sprayer to wet the surface. Allow 1-2 hours drying time.

A water repellent coating after coating with LiSol 6 will further improve the performance against ASR. Consult Nyacol for recommendations.

PACKAGING

LiSol 6 is available in 5-gallon pails and 55-gallon drums.

STORAGE

Keep from freezing and store LiSol 6 between 5°C and 40°C.

SAFETY

A Safety Data Sheet for LiSol 6 will be supplied on request.

FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER

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