



Sika[®] ViscoCrete[®] and Retardan[®] Gypsum and Mortar Additives

Product Selection Guide



Innovation & Consistency | since 1910

Gypsum and Mortar Additives

Product Selection Guide

		Superplasticizer /			
		Sika®			
		111 P	120 P	125 P	
Application	Binder	Powder			
Gypsum boards, partition panels, ceiling tiles, gypsum building elements & blocks	β-hemihydrate				
Building plaster, render, stucco, bonding/filling compound, moulding plaster, dental plaster, medical plaster	α/β-hemihydrate				
Floor screeds, self-levelling screeds & underlayments	α-hemihydrate				
	natural anhydrite			+	
	thermal anhydrite			+	
	synthetic anhydrite			+	
	cement (OPC)	++	++	++	
	ternary compound	+	+	++	
Grouts, non-shrink grouts, repair mortars, tile adhesives	cement (OPC)	++	++	++	
	ternary compound	+	+	++	

+ suitable

++ recommended

Application Examples



Dry-mortar silo at the job site with Sika powder additives



Ready-mixed screed production with liquid Sika admixtures



Gypsum wallboard production line: High potential of water reduction with use of Sika® ViscoCrete® G-2



High-Range Water Reducer				Retarder				
ViscoCrete®				Retardan®				
225 P	425 P ^{NEW}	G-2	G-4 ^{NEW}	P	704 D	GK	L	200 L ^{NEW}
		Liquid		Powder			Liquid	
		++		+			++	++
++	+	++		++	+	+	+	+
++	+	++	+	++	+	+	+	+
+	++		++	++	+	+	+	
+	++		++	++	+	+	+	
+	++		++	++	+	+	+	
++	+							
++	++			++	+	+		
++	+							
++	++			++	+	+		

Remark: Combinations of products may be targeting for your specific application. Testing is required to evaluate the additive performance for your specific conditions. For more information and assistance please contact our local/regional office or Technical Service Department.



Admixture performance test in Sika's Technology Center



Easy application of self-levelling screeds and underlayments with **Sika® ViscoCrete®** superplasticizer



Setting-time adjustment with **Retardan®** for specific applications & needs

Sika – a global Player in Specialty Chemicals for Construction and Industry



- 5 continents
- over 70 countries
- 90 production and marketing companies
- approx. 12 900 employees

Sika is a leading Swiss company, globally active in specialty chemicals. Our local presence worldwide links us directly with customers and ensures the success of Sika and its partners. Every day highly motivated people strive to provide the best customer service.

Sika Services AG

Business Unit Concrete
Tüffenwies 16
CH-8048 Zürich
Switzerland
Phone +41 58 436 40 40
Fax +41 58 436 47 29
www.sika.com

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

