



Betoflow® D - CL (characteristics in Table 1) was used by Cemex to produce white structural concrete for the Musée des Confluences in France. The museum is located at the confluence of the Rhône and the Saône and forms part of a large redevelopment project of the Confluence quarter. It is a museum of science and of society, and its purpose is to confront the scientific knowledge and the functioning of societies.

Betoflow® D - CL			
Blaine surface area	>1000 m ² /kg	Passing 63 µm	100 %
Methylen blue value	1.3 g/kg	D50	3.9 µm
CaCO ₃ content	97.5 %	Specific gravity	2.7 g/ml

Table 1



Concrete information

Exposure class	XF1	XF1 definition XF1: Moderate water saturation, without deicing agent. Vertical concrete surfaces exposed to rain and freezing
Strength class	C45/55	
Water/cement	0.44	
Consistence	S5 – SF2 (730 mm)	
Cement	CEM I 52.5N PM-ES	
Limestone Filler (F _H)	120 kg/m ³	
Betoflow® D	20 kg/m ³	

Table 2



- The ready mixed plant is located in Lyon (69).
- Concrete was produced by:
Cemex Bétons – Agence Rhône-Ain-Auvergne
- Period : September 2010 – Februar 2012
- Country: France (Fr)
- Betoflow D –CL is produced in L'Arboc (Omya Clariana)

Web : <http://www.museedesconfluences.fr/>