



Southern Piling Ltd

MD Ref: LH1015

Date: 30-Jan-26

Certificate of Mix Design

Site / Project: Southdownview Road, Worthing, BN14 8NN

Plant: Brighton

Mix Specifications

Mix	Description	Agg Size	Cement Type	Target Consistence
1	C40/50 PUMP 55% FINES DC2 + SPLAS	20MM	CEM II/A-L	S4
2	C40/50 PUMP 55% FINES DC2 + SPLAS	10MM	CEM II/A-L	S4

Mix Design

Materials		Dry Weights kg/m3					
Type	Source	1	2				
CEM II/A-L	Cemex - Tilbury	411	423				
0/4	Cemex - Brighton Wharf	957	933				
4/10	Cemex - Brighton Wharf	121	749				
10/20	Cemex - Brighton Wharf	650	-				
Admix 1 (ml)	Cemex Superplasticiser - Isoflow 6252	1849	1903				
W/C	Free Water/Cement Ratio	0.41	0.40				
% Fines	Fines Content (%)	55%	55%				
Chloride	Chloride Content % by Weight of Cement (%)	0.18	1.18				
Alkali	Alkali (kg/m3)	3.29	3.41				

Mix design details given are subject to variation both in weight and source, given natural variation in material properties and source availability

Additional Information

Signed:



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