





BS EN 13670					
Table F.4 — Types of surface finish					
Туре	Normal application	Examples			
Formed surfaces					
Basic Finish:	Where no particular requirement is needed.	Foundations			
Ordinary Finish:	Where not of visual importance or to receive applied finishes.	Areas with applied render finish or unsee surfaces such as inside ducts or lift shafts.			
Plain Finish:	Where visual effect is of some importance.	Areas seen occasionally and areas which are prepared, direct painted areas where there are some particular requirements.			
Special Finish:	Where special requirements have to be given	Areas where surface regularity and / or colou are important			
Unformed surfaces					
Basic Finish:	A closed uniform surface produced by levelling. No further work is required.	Area to receive a screeded finish or othe applied finishes.			
Ordinary Finish:	A level uniform surface produced by floating or similar process.	Area for false floor and other applied floorings			
Plain Finish:	A dense smooth surface produced by trowelling or similar	Normal warehouses and factories, areas of plant rooms and work areas without other finish than paint.			
Special Finish:	A surface where special requirements have to be given for further working of another finish.	Areas of warehouse floors for special trafficking.			









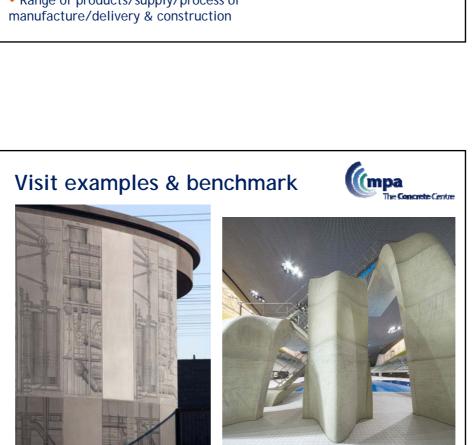
## Understand more about the making processes



• Precast in factory conditions or cast in situ on site

• Range of products/supply/process of

Pudding Mill Lane Pumping Station John Lyall Architects



Aquatics Centre, Zaha Hadid Architects / ARUP









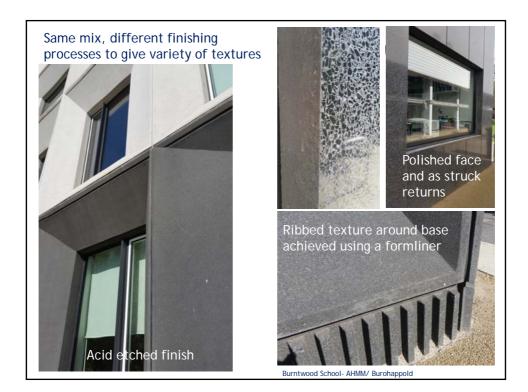


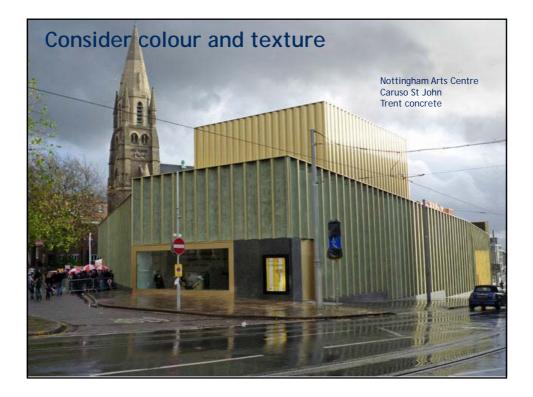




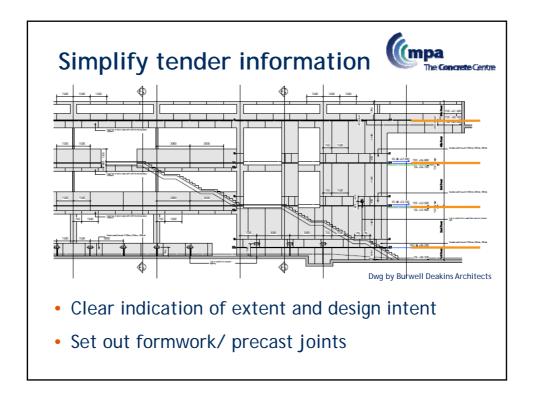


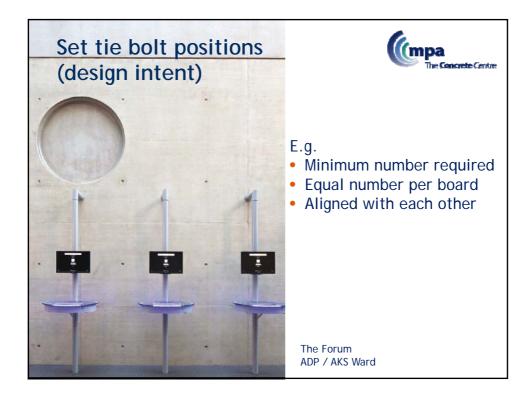














## Consider location of day work joints

- Describe/agree where day joints are to be avoided
- Consider expressing joint for large areas



Angel building, London AHMM/ AKT

## Design and describe elements in 3D





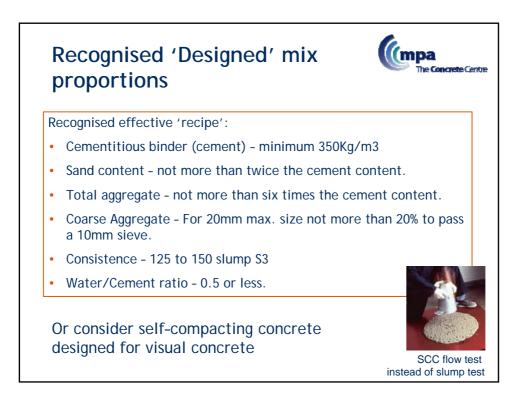


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Precast formwork for Experian Data Centre Sheppard Robson

Understand and describe the forms to improve buildability and optimise formwork

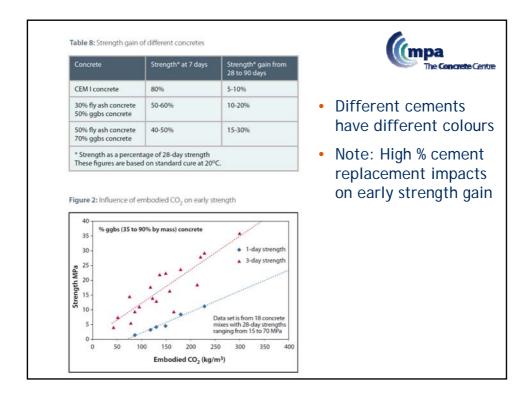




Define cement blend parameters					
Fly ash GGBS	СЕМ	Addition	Portland cement replacement, %		
	1		0 - 5		
CA CATA	IIA	Silica fume	6 - 10		
		Fly ash	6 - 20		
	IIB-V	Fly ash	21 - 35		
	IVB-V		36 - 55		
centen water his fine gate coarse gate	IIB-S	GGBS	21 - 35		
	IIIA		36 - 65		
10 18% 22% 25%	IIIB		66 - 80		
Approx gen mix by volume			BS 8500-1		

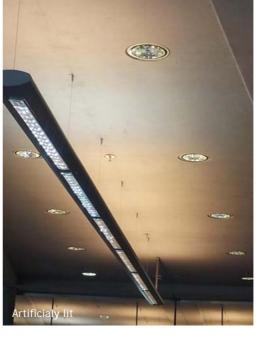








## Concrete colour Consider impact of lighting Don't be too specific at tender



The Forum, Norwich Hopkins Architects





