CURING, DENSITY & COMPRESSIVE STRENGTH OF 100mm ² CONCRETE CUBES LINCS							
1101 REPORT No.	LABORATORY Lincolnshire County Council						
LABORATORY USE ONLY BS EN 12390-1:2021 BS EN 12390 (CURING)	-2:2019 BS EN 12390-7:2019 BS EN 12390-3:2019 (STRENGTH)						
RESULTS VIA JOB NUMBER							
CUBES MADE IN UKAS CALIBRATED MOULDS? IF NO' INCLUDE REPORT COMMENT (1) CURRENT MOULD CALIBRATION CERTIFICATE SUPPLIED? YES / NO							
ALL SHADED BOXES IN THIS SECTION & AGE OF TEST TO BE COMPLETED BY THE CLIENT / CONTRACTOR BEFORE SUBMISSION TO LAB							
CLIENT SITE							
SUPPLIER	SOURCE						
DATE SAMPLED							
TIME CUBES MADE	TIME SAMPLED						
	PLACE CUBES MADE						
DATE CUBES STRIPPED	TIME CUBES STRIPPED						
CUBES MADE BY	COMPACTION METHOD HAND* / VIBRATING HAMMER						
NOMINAL SIZE OF CUBES mm	CURING METHOD ON SITE AIR / WATER						
DESIGN SLUMP mm	MEASURED SLUMP mm						
CUBES FROM CONCRETE USED IN							
CHARACTERISTIC STRENGTH	* TAMPING BLOWS/LAYER						
LABORATORY USE ONLY DATE CUBES RECEIVED IN LAB							
DATE CUBES PLACED IN TANKS	STORE ALL CUBES BELOW Mpa @ 28 days						
LAB SAMPLE No.	C /2 C /2 C						
CLIENT CUBE No.	0 12 0 12 0 12						
CONDITION OF CUBES ON RECEIPT							
APPARENT LEVEL OF COMPACTION							
APPARENT MOISTURE STATE							
STANDARD OF CORNERS AND EDGES CONDITION OF FLOATED FACE							
APPEARANCE OF MOULDED FACES							
FLATNESS OF LOAD BEARING FACES (Pass = ± 0.06 mm	PASS/FAIL PASS/FAIL PASS/FAIL						
PERPENDICULARITY OF SIDES wrt BASE (Pass = < 0.5 mm	7 1765/1762 1765/1762						
MEAN H 97 - 103	H						
Do cubes meet	L						
	W						
INFORMATION NOTED AT TEST DATE OF TEST							
TIME OF TEST							
ROOM TEMPERATURE (20± 5°C)							
AGE OF TEST (DAYS)							
MOISTURE STATE AT TEST	MOIST SATURATED MOIST SATURATED MOIST SATURATED						
MASS IN AIR (SATURATED) k g							
SATURATED DENSITY (TO 10kg/m³) kg/m³							
FAIL LOAD KN							
COMPRESSIVE STRENGTH (TO 0.1 Mpa) Mpa							
FAILURE MODE (Figure 2 Failure Type)	UNUSUAL / NORMAL UNUSUAL / NORMAL UNUSUAL / NORMAL () ()						
TESTED BY							
INTERIM RESULTS GIVEN							
CERTIFIED BY							
CuringDen sitv and Compressive Strength of 100mm Concrete Cubes - BSEN (2021).vsd	27/09						

NOTES FOR "AS RECEIVED" CONDITION OF CUBES



					Lincolnshire County Council
APPARENT LEVEL OF CO	PARENT LEVEL OF COMPACTION : SATISFACTORY / POOR / SL				GHTLY VOIDED SV
APPARENT MOISTURE ST	ГАТЕ	: MOIST/DRY M D			
STANDARD OF CORNERS	S AND EDGES	: SA	ATISFACTOR' S	Y / CHIPPED / C	POORLY COMPACTED PC
APPEARANCE OF FLOAT	ED FACE				CONCAVE / CONVEX / SLOPING / UNEVEN CC CV SL UE
APPEARANCE OF MOULDED FACES :		: SA	SATISFACTORY / EXPOSED AGGREGATE / OTHER – SEE REMARKS S EA		
(THIS IS ONLY A GUIDE, OTHER COMMENTS MAY BE USED)					
MEASUREMENT OF CU	JBES 2	3	4	MEAN	1
H1	2	3	4	IVILAIN	
H2					SAMPLE No. C /2
L1					
L2					
W					
1	2	3	4	MEAN	
H1					SAMPLE No. C /2
H2 L1					
L2				1	
W					
1	2	3	4	MEAN	,]
H1	_				OMBIEN O
H2					SAMPLE No. C /2
L1					
L2					
W					
NOTATION FL	LOAT		LRN		FLOAT LRN
FORMULAE	/		<i>\</i>		
VOLUME = HEIGHT x LENGTH x WIDTH (m^3) STRENGTH = LOAD (N/mm^2) HEIGHT x LENGTH					
DENSITY = $\frac{MASS}{VOLUME}$ (kg/m ³)					
REMARKS					