



MATERIAL DESCRIPTION	RED SMA	BUFF SMA	BLACK SMA (WITH RED CHIP)
FOR USE ON:	DMURS	CUL DE SACS, DMURS	RAMPS
MIN COMPACTED THICKNESS	40mm	40mm	40mm
CHIP SIZE RANGE	10mm only	10mm only	10mm only
MIN CHIP PSV VALUE	55	55	55
MATERIAL NAME	SMA surf PMB (ISEN 13108-5 -RED, BUFF)		
CHIP COLOUR			
AGGREGATE COLOR RATIO	Chips >4mm: Coloured Aggregate		
PIGMENT % IN MIX	RED	BUFF	RED
BINDER	BLACK	CLEAR	BLACK
AFTER TREATMENT	NONE	NONE	NONE
PROTECTED IN TRAFFIC	4HRS MINS	4HRS MINS	2HRS MINS



CBR (%)	CAPPING LAYER (mm)	SUB-BASE LAYER (mm)
0-1%	SEEK SPECIALIST ADVICE	150 (mm)
1%	800 (mm) + 1 LAYERS OF GEOGRID	150 (mm)
2%	500 (mm) + 1 LAYERS OF GEOGRID	150 (mm)
3%	400 (mm) + 1 LAYERS OF GEOGRID	150 (mm)
4%	300 (mm) + 1 LAYERS OF GEOGRID	150 (mm)
5-10%	250 (mm)	150 (mm)
10% +	150 (mm)	150 (mm)

- ONE LAYER OF NON-WOVEN SEPARATOR MEMBRANE IS TO BE PLACED DIRECTLY ON THE SOFT SUB-GRADE.
- ONE LAYER OF GEOGRID TO BE PLACED DIRECTLY ON NON WOVEN SEPARATOR MEMBRANE.
- A GRANULAR BASE (VARIES) COMPRISING OF 6F2 CAPPING IS TO BE CONSTRUCTED AND COMPACTED ON TOP OF THE GEOGRID.
- A 10 CM THICK LAYER OF 6F2 CLAUSE 804 BACKFILL IS TO BE CONSTRUCTED AND COMPACTED ON TOP OF THE 6F2 CAPPING.
- THE ASPHALT ROAD BASE IS TO BE CONSTRUCTED ON TOP OF THE CLAUSE 804 BACKFILL.
- ALL GEOTEXTILE LAPS ARE TO BE AT LEAST 500MM WIDE.



P02	ISSUED FOP PLANNING	RK	RK	02/09/24
REV	DESCRIPTION	BY	CHK	DATE

CLIENT

CAPAMI LTD

PROJECT

OLDCOURT LRD

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DRAWING TITLE

ROAD CONSTRUCTION DETAILS

SOUTH DUBLIN COUNTY COUNCIL

PINNACLE
CONSULTING ENGINEERS

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CHECKED RK	
REVISION P02	

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