



### Indicative replacement mortars for Mauchline CARS

Ready mixed mortars are available for purchase, colour matched to the original mortar. Also refer to accompanying mortar mix proportioning sheet.

Masonry type	Binder	sand	Ratio (nominally by volume)	notes
Rubble where joints are more than 15mm	NHL 3.5	Sharp, concrete sand (5mm down)	1 : 2.5	Insert pinning stones where joints exceed 15mm
Formal, squared, snecked rubble where joints are less than 12mm	NHL 3.5	Sharp, building sand (4mm down)	1 : 2.5	
Ashlar masonry where joints are 2-4mm			'Ashlar stuff' based on NHL 2 and whiting filler (crushed chalk)	Purchase as a ready mix only
Ashlar masonry where joints are too deep to hand point and require grouting			'Ashlar stuff' based on NHL 2 and whiting filler (crushed chalk) with the addition of casein	Refer to accompanying power point for grouting procedure
High level masonry above 'eaves level' eg chimney pot haunching, stone or tile copes & parapet masonry	HL5 (this is a modified hydraulic lime)	Sharp concrete or building sand depending on joint sizes	1 : 2	Refer to mortar haunching document