

St Astier NHL Mortars Consumption Chart

NHL products are bought by weight but mixed by volume. Their low density in comparison with other binders means that with the same weight one would produce up to three times the amount of mortar.

Binder consumption for 1m ³ of mortar: volume /weight comparison				
	Average	Volumetric Mixes - Kg/m ³		
Binder	Density (Kg/m ³)	1:2	1:2.5	1:3
NHL 5	666	333	266	222
NHL 3.5	610	305	244	203
NHL 2	560	280	224	186
Lime Putty	1350	675	540	450
OPC/W.Cement	1450	725	580	483

Mortar required per 100 square metres of brickwork with 10mm joints.

Brick sizes have been taken to be 215mm x 103mm x 65mm. Mix ratio 1:2.5.

Type of wall	Wall thickness	No. frog m ³	Single frog m ³	Amount of NHLs in Kg (No frog/single frog)		
				NHL 5	NHL 3.5	NHL 2
Half brick	103mm	1.38	2.26	364/569	336/551	309/506
Cavity	255mm	2.76	4.52	728/1193	673/1102	618/1013
One brick solid	215mm	3.54	5.38	934/1399	863/1293	793/1187
one & half brick solid	328mm	5.69	8.34	1502/2201	1388/2034	1274/1868

For further Guidance, contact your St Astier Distributor.

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