

Bricklaying in Cold Weather

particles	brickwork	sheeting	damaged
protect	mortar	above	freezing
	stop	temperature	

Insert a word from the list into the spaces

a) Lay no bricks if the _____ of the mortar may fall to _____ point before it sets or if the bricks are frozen or the sand contains ice_____. Bricklaying should _____ when a falling temperature reaches 30°C and not begin again until it reaches 40°C and is still rising and then only if the temperature of the bricks is _____ freezing.



b) If frost is likely to occur before the _____ in newly built brickwork has set, _____ it with Hessian and protect the Hessian from rain with plastic_____. Alternatively use special waterproof insulating covers. In either case maintain an air space between the protective covering and the brickwork to avoid staining.

c) If the mortar becomes _____ by frost take the brickwork down and rebuild. If the damage appears to be superficial seek advice.

d) If in doubt take the _____ down and start again.

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Bricklaying in Hot Weather

water	mortar	shrinking	wetting
be	bricks	laying	become
weather	strength	the	minimise

Insert a word from the list into the spaces



a) During hot dry _____ reduce the suction rate of higher absorption bricks either by docking or lightly spraying so that when laid _____ surface is damp rather than wet. Such bricks may absorb too much _____ from the mortar before it has set, thereby reducing its adhesion and the rain resistance and _____ of the brickwork. Over wetting of calcium silicate bricks should be avoided to _____ the risk of brickwork shrinking as it dries.

b) Do not wet low absorption bricks, such as engineering _____. Their low suction rate when wet causes them to 'swim' or 'float' on the mortar and after a few courses have been built, the wall may _____ unstable as the still fluid mortar extrudes from the lower courses.

c) When _____ calcium silicate bricks during hot drying weather preferably adjust the consistency of the _____. Alternatively wet only the surfaces to ____ bedded just sufficiently to reduce the suction. Over _____ of concrete bricks should be avoided to minimise the risk of brickwork _____ as it dries.

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