



CHRISTCHURCH EARTHQUAKE REPAIR

IMPORTANT INFORMATION TO CONSIDER BEFORE COMMENCING

Where necessary house strength and stiffness must be re-instated before cosmetic repairs are carried out. Patching only what we can see, without repairing the structural damage beyond, will lead to a need for ongoing expensive repairs. Because:

- From September 2010 Canterbury has been subjected to a series of earthquakes. Significant parts of the region suffered ground accelerations more than twice what residential structures were designed for.
 - The NZ Building Code aims to avoid collapse and protect the life safety of occupants, but in severe events it does not guard against property damage.
 - Houses have performed beyond expectation, however homes have been severely shaken by the initial events and the many after-shocks. Some houses have lost strength and countless have lost stiffness (homes are reported to be 'noisier').
 - Although the likelihood of larger earthquakes is diminishing, Crown Research Institute *GNS Science* (gns.cri.nz) predicts seismic activity in the Canterbury Region for years to come. These events will potentially affect repairs.
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- Like a car in a serious crash (airbags deploy, seat belt pretensioners fire and crumple zones activate), cosmetic repair alone will not ensure safety and road-worthiness.



For further information visit gib.co.nz/canterburyearthquake or call the GIB® Technical Helpline 0800 100 442.

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THE **DO** AND **DON'T**S FOR COSMETIC REPAIRS

DO carry out a structural assessment and re-instate strength and stiffness before committing to cosmetic repairs.

DON'T 'hide' damage by plastering and painting over cracks.

DON'T install gypsum plasterboard over damaged lath and plaster wall and ceiling finishes.

DO remove all plaster from the lath. Only leave timber slats if they provide a solid and level surface for gypsum plasterboard fixing.

DON'T direct fix gypsum plasterboard over stipple ceilings.

DON'T plaster over wall paper.

DO remove all decorative wall liners prior to stopping.

DO sand painted surfaces prior to any plaster being applied.

DO ensure that any surface accepting plaster is well adhered to previous surface coatings.

DO allow plaster to adequately dry before adding additional coats or painting.

DO follow the detailed Winstone Wallboards guidelines relating to gypsum plasterboard, www.gib.co.nz.

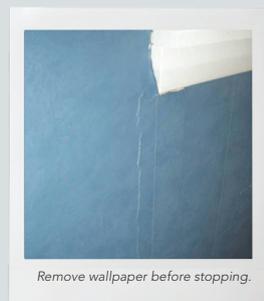
PLEASE NOTE: GIB PLUS-4® or GIB Trade Finish® range of air drying plasters adhere best to painted surfaces.



Plastering over serious crack damage.



Damaged Lath and Plaster must be removed.



Remove wallpaper before stopping.