

LiteBoard the Ideal Void Filler

LiteBoard provides a complete void beneath a concrete foundation and between adjacent substrates to offer maximum protection from ground movement. Constructed from a cardboard honeycomb core set between tough biodegradable facings.



Creating a void between a deep sandstone cutting and adjacent structure - Sydney CBD

How LiteBoard Works

When dry, LiteBoard has a compressive strength that can support concrete and steel of up to 1 meter thick without deflect or creep compression.

Once the concrete is cured and self supporting, LiteBoard's job is done. Once water is now introduced to the honeycomb core, it yields to ground movement without transmitting pressure to the structure.

Eventually, the board will naturally disintegrate and disappear leaving a permanent 100% void with no residual density to pass on heave stresses.



▼ Forming a drain aperture on the NSW Coastline



▲ 50mm Liteboard void form used with pier and slab

LiteBoard Benefits

LiteBoard allows engineers to design thinner slabs and beams using less concrete and reinforcement.

LiteBoard can also be used to create a void to protect structures from vibration.

