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## Couldrey House in Brisbane, Australia

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BRICK MASONRY MORTAR APPLICATION: AALBORG WHITE ® 52.5N



### PROJECT DESCRIPTION

Be different from traditional brick house, British architect Peter Besley wants to create a unique brick façade for his families. Usually, in construction work, the brick mortar being a supporting material tends to disappear between bricks in bricklaying leaving the expressive force to brick texture and bricklaying method.

In this project, the mortar takes on a very different look by overflowing between the bricks. With a proper viscosity, the mortar coagulates between the bricks forming irregular transverse textures. The architect specifically controlled the overflow mortar in horizontal rather than vertical brick joints, further emphasizing the horizontal texture to form a “corduroy” effect. This strong horizontal effect eliminated the standardized masonry appearance of the brick, making the brick wall a unified entity.

Aalborg White cement mixed with white beach sand giving the mortar a nice white colour, while lime helps with the material strength and self-repair capabilities in case of wears and tears. The architect was quite satisfied with the masonry work with extruded mortar joints and hoping subtle changes over time would further vivify the building.

## AALBORG WHITE® APPLICATION IN DRY MIX MORTAR

Mortars are used in a wide range of applications, and when aesthetic appeal is a priority, AALBORG WHITE® is often included in the formulation. AALBORG WHITE® with its high reflective index, in addition to high strength and consistent chemical composition, makes it the preferred cement for many mortar products.

In this project, white pointing mortar was produced from AALBORG WHITE® instead of grey cement where sharp contrast or light coloured bricks and blocks are desired.



Bright, rich colours are achieved by combining AALBORG WHITE® with colouring pigments. Colouring is usually achieved with synthetically produced in-organic pigments, which are lime-proof, alkali-resistant, weather resistant, and non-fading.

## PROJECT PARTICIPANTS

Brick Masonry Mortar Producer: PGH Bricks & Pavers

Architect: Peter Besley

White Cement Producer: Aalborg Portland Malaysia Sdn. Bhd.

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