

# Wondabyne

sandstone, from Gosford Quarries







Wondabyne Sandstone 1. Saint Mary's Cathedral, NSW. 2. Australian War Memorial, Canberra.

*Dimension Stone is a product of nature and is subject to variation in colour and texture. These images should only be considered as generally representative of the featured stone. Full size slabs are generally available to view on request.*

**DETAILS**

Name:	Wondabyne
Substitute Names:	
Colour & Veining:	Grey Buff
Stone Type:	Sandstone
Quarry Location:	Gosford, NSW
Availability:	Excellent but quarried on demand

**TYPICAL PHYSICAL PROPERTIES**

Bulk Density:	2.2-2.4 tonnes/m <sup>3</sup>
Compressive Strength (dry/wet):	50-60/25-35 MPa
Modulus of Rupture (dry/wet):	8-10/3-5 MPa
Water Absorption by weight:	3.5-4.5 %
Abrasion Resistance:	
Slip Resistance:	

**PHYSICAL CHARACTERISTICS**

Texture:	Medium-grained grey-buff quartzitic sandstone comprising about 60% grains which are mainly quartz, 30% matrix, mainly clay, and 10% cement composed of calcite, quartz and siderite. The stone is grey when quarried and oxidises to pale buff after extended exposure to the atmosphere.
Inclusions:	Varying degrees of 'Tea Leaf' deposition
Degree of Polish:	
Variation of Tonality:	Minimal
Characteristics:	Durable sandstone used widely in Public Buildings Since 1930s
Finishes Available:	Split, rough sawn, diamond sawn & hand worked
Forms Available:	Sawn & Hand Worked

**PETROGRAPHIC ANALYSIS (TYPICAL)**

Quartz:	65%
Clays:	25%
Voids:	4%
Other:	6%

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