

Chimpanzee Sanctuary, Taronga Zoo, Sydney, Australia

Architects: Jackson Teece Architects, Sydney

A stainless steel wire mesh system was used to refurbish a chimpanzee habitat, which should create a stimulating environment for the animals and allow visitors to watch them. The technical requirements had to take into account the remarkable strength of the animals and the corrosive coastal climate. The design involves 770 m² of blackened stainless steel wire mesh and 140 m² of non-climbable surfaces made from perforated stainless steel steel coated black. The fasteners are made from polished stainless steel and were specifically passivated prior to use.



Photos courtesy of ASSDA



Details

Environment:	Coastal
Grade and finish:	304, painted black (wall cladding), 316, blackened (mesh enclosure), 316 (tubes and cables)
Material thickness:	Stainless steel cables: 8, 12 and 22 mm; tubes for enclosure: 3 mm
Date of completion:	2012
Manufacturing company:	Carl Stahl
Material supplier:	Ronstan Tensile Architecture and Locker Group