



KLH®

PROJECT

THE RITZ-CARLTON

LOCATION

Fari
Islands,
Maldives

LUXURY IN AN EXCEPTIONAL RESORT

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A 13.5 hectare resort that houses 100 beautifully designed villas, 7 restaurants and bars, and a spa suite. Ritz Carlton includes three green islands and a fourth water island built on sandbanks. The central consideration was to minimize the impact of construction on the fragile reef ecosystem. The orientation of the villas runs in a north-south direction so that sunrise and sunset can be enjoyed perfectly.

All buildings of the complex have clear geometric forms. Thus, the villas were designed in a circular form and the communal buildings in a rectilinear form. KLH® – CLT was used for the walls and roofs and glulam was chosen for the columns. The elements were prefabricated at the KLH factory in Austria, which thus significantly reduced

on-site assembly time. Public areas are designed for cross-ventilation with efficient glazing system and high thermal insulation. Photovoltaic panels, sustainable cross-laminated timber (KLH® – CLT) and low-maintenance surfaces therefore keep the carbon footprint low.

PROJECT INFO

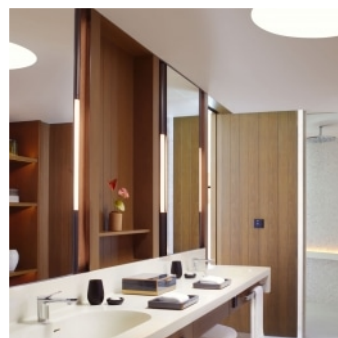
VOLUME OF KLH® – CLT

22.281 m² / 2.110 m³

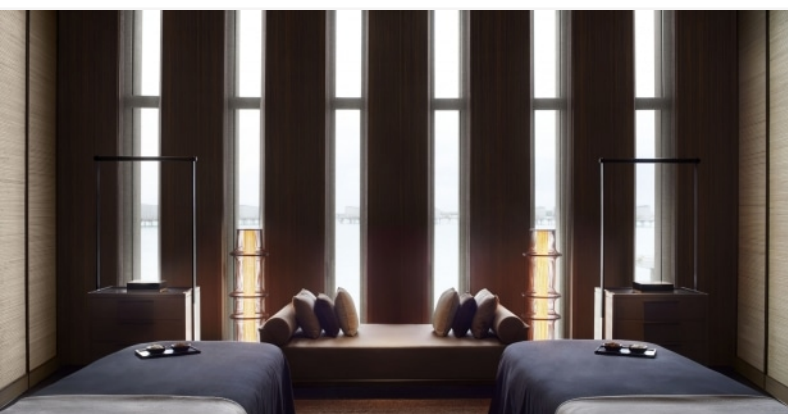
STORED CARBON

1.676 tonnes (Regrowth time in Austria – 35 minutes)

HOTELS







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ARCHITECT

KHA
www.kha.studio

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PREFABRICATION

Venturer Timberwork
www.venturertimberwork.com

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GENERAL CONTRACTOR

Sanken Overseas
www.sankenoverseas.com

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PHOTOGRAPHY CREDITS

The Ritz-Carlton Maldives, Fari Islands

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PROJECT SUPPORT

MACE International Limited
www.macegroup.com