

Villa Waalre

case study
By Tian Lan

Location: Waalre, The Netherlands



Architect: Russell Jones

Owner: N/A

Year of completion: 2018

Climate: Marine West Coast Climate

Material of interest: Fir Board

Application: Concrete Form and Interior Surface

Properties of material: Fundamental to the project was the decision to reflect the textural quality of the bark of the fir trees on the site in the primary building material. Titanium dioxide enhanced white reinforced concrete, which forms all exterior and interior vertical surfaces, is imprinted with the texture and silhouette of roughly sawn fir boards, in a module of 150mm. This module is continued in all exterior and interior joinery elements, which are crafted from similar fir board to those used as the concrete formwork.

Sources:

<https://www.archdaily.com/898866/villa-waalre-russell-jones>