

## The Langeberg Nijmegen Treatment Clinic

An outpatient treatment clinic located in Nijmegen, The Netherlands. The building uses Accoya® wood throughout the facility to create a natural environment to improve patient treatment and outcomes.



**FACT #1**  
THREE-COAT  
WOOD PROTECTION

**FACT #2**  
SDF ALLOWS  
WOOD TO BREATHE

**FACT #3**  
ACCOYA WOOD -  
DURABLE, LONG LIFE

**FACT #4**  
HISTORY OF LOW  
VOC PERFORMANCE

The Langeberg Nijmegen Treatment Clinic is an outpatient clinic located in Nijmegen, The Netherlands. The building, designed by architects Buro SBH, in collaboration with Bogerman Dill Architects, uses wood throughout the facility to create a natural environment intended to improve patient treatment and outcomes.

### Leegwater praises Sansin's SDF finish

The characteristics of the façade are a coarse masonry substructure and a differentiated superstructure. The use of two different materials represent the formal nature of the clinic's work and the informal nature of its setting in the forest.

Leegwater, a distributor of sustainable wood and wood products, has been an avid user of Sansin products for more than 18 years, and recommended Sansin for the clinic. Sansin's low VOC Enviro Stain, SDF Precision Coat, is highly water-repellent and a natural choice for homes and structures in moisture-rich environments. Not only does SDF Precision Coat protect the outside of the

wood, it also protects the inside by allowing the wood to "breathe" helping to prevent moisture from getting trapped in the wood.

### SDF Precision Coat enhances Accoya

In addition to protecting the clinic's stunning wood exterior, Sansin stain enhances the warm, natural beauty of the Radiata Pine treated siding. Radiata Pine, sourced from a variety of locations, typically in New Zealand, is a species mainly used to produce Accoya.

To become Accoya, the Radiata Pine is harvested and then put through a process called acetylation, which almost completely eliminates the wood's ability to absorb water. This makes it stable and no longer digestible. Acetylation does not use any harmful poisons but uses acetic acid/vinegar (in its diluted form) to change the timber. The wood becomes highly durable and stable. Accoya is a medium to lightweight material with an average weight of 512kgm<sup>3</sup> that is used for structural purposes, most commonly external joinery such as windows and doors.





## SDF Precision Coat specially formulated oils and resins

Rated by siding manufacturers as one of the best natural finishes available, SDF Precision Coat penetrates into the Accoya wood, providing outstanding weather and UV protection in a wide range of natural, semi-transparent and even solid colors. Its water-borne technology provides complete protection of Accoya.

## The Sansin Corporation

The Sansin Corporation is a global leader in environmentally-friendly wood protection.

For 25 years, Sansin has been the only wood protection company focused exclusively on researching, developing, and introducing environmentally-friendly, 'water-borne' interior and exterior wood products. Our technologies deliver outstanding color, durability and performance without the toxicity found in conventional stains.

Headquartered in Ontario, Canada, Sansin has dealer locations across Canada and in the U.S. The Sansin Enviro Stains use water, not oil, to deeply penetrate and protect wood naturally, from within.

Family-owned Sansin offers a premium brand, and is the only supplier to have a complete wood care line with a history of performance offering everything from interior and exterior finishes, to insecticides, preservatives, fire retardants and professional finishes, all in environmentally-friendly formulas.

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