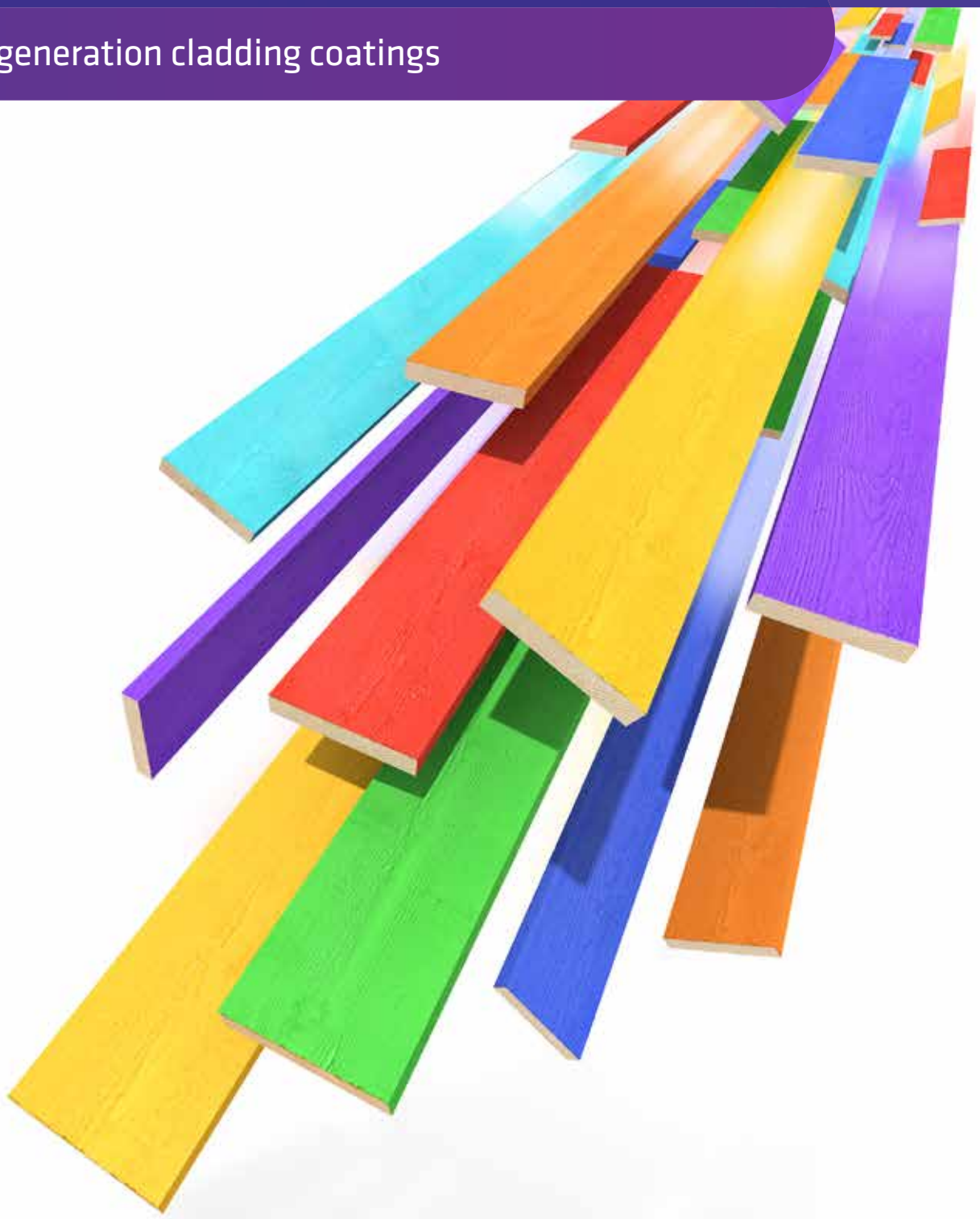
# Laqvin™ Fast Dry

## The next generation cladding coatings



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# Introducing Laqvin™ Fast Dry

## The next generation cladding coatings

The new ranges of Laqvin™ Fast Dry cladding coatings bring new opportunities to the cladding industry. The range offers primers, intermediates and combi coatings. The different systems, Laqvin Fast Dry waterborne and Laqvin Fast Dry waterborne UV, boost productivity by significantly reducing drying times. Additionally, they deliver a better quality surface than the solutions currently used by most cladding producers.

### 4 minutes drying time with waterborne UV technology

By adding UV curing equipment to your production line, and switching to Laqvin Fast Dry waterborne UV, you can significantly reduce drying times. In fact, with waterborne UV technology, the curing time can be cut to as little as four minutes per coating on an optimised line.

### 6 minutes drying time on existing production lines

Laqvin Fast Dry waterborne cladding coating requires no investments and is available to virtually any cladding producer currently using waterborne products. The new solution cuts the drying time of cladding down to around six minutes per coating. It will give you the advantage to speed up your production line for increased productivity with significantly improved stackability.

### Other benefits of Laqvin Fast Dry include:

- Dramatically improved stacking properties
- Increased productivity thanks to faster production
- High quality topcoat surface when compared with currently available solutions on the market today
- Low investment requirements
- Decreased electricity cost due to lower IR-energy needed

### UV curing

Waterborne-UV products are to be UV cured directly after the evaporation of water, produces exceptionally durable surfaces and have excellent stacking properties. Waterborne-UV coatings are possible to stack at higher temperature compared to conventional waterborne.

UV-curing lamps should be of Ga-type to keep temperature as low as possible.

### Waterborne paints

For years Sherwin-Williams has been leading research and development in the area of waterborne lacquers and paints - driven by our concern for the environment. We devote our resources to finding environmentally adapted solutions that offer the same characteristics and qualities of conventional, solventborne solutions. Our R&D facility in Sweden provides a full line production facility for testing new products and applications with our customers.

### Technical specification for systems for exterior cladding

| System | Dry film (µm) | Drying | Comment ** |
|---|---|---|---|
| AD1430 | 60 | Conventional drying with wet in wet stacking possible | Traditional alkyd system |
| | | | |
| ED1440 | 50 | 6 min including laminar air and IR* | Alkyd/Acrylic Hybrid |
| EG1540 | 40 | 6 min including laminar air and IR* | Acrylic |
| | | | |
| ED1440 | 50 | 6 min including laminar air and IR* | Alkyd/Acrylic Hybrid |
| WH1560 | 40 | Down to 4 min including laminar air and IR* | Acrylic/PU, UV-curing needed |
| | | | |
| EG1545 | 50 | 6 min including laminar air and IR* | Alkyd/Acrylic Hybrid |
| EG1545 | 40 | 6 min including laminar air and IR* | Alkyd/Acrylic Hybrid |

* Contact Sherwin-Williams for help to optimise your production line. Even faster drying is possible at lower application amounts.
** AA1950 can be used for all systems as a first layer to improve durability.

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