# Spotlight on beautiful waterborne Alkyds





### The renaissance of Alkyds

#### Entering waterborne Alkyds

- 1. Waterborne Alkyds the sustainable option
- 2. Best in wood protection
- 3. Even better with Perstorp's Voxtar™





#### **Drivers**

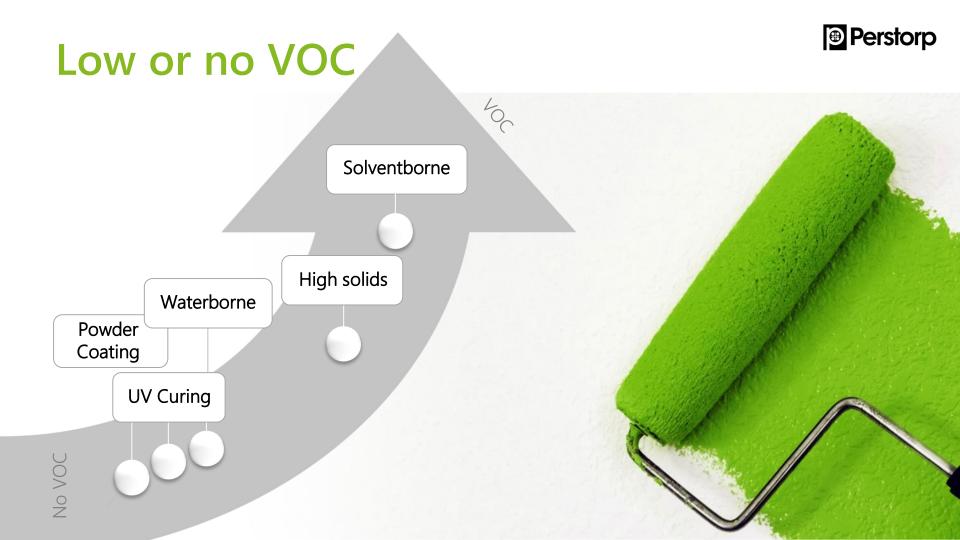


### The Alkyd journey

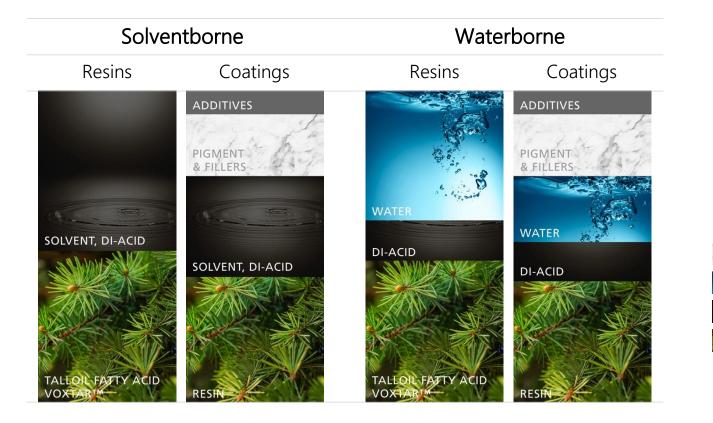




Shift in focus over the years resulted in a decline in Alkyd use



# Waterborne or solventborne Alkyds











#### Waterborne Coatings

Alkyds Hybrides Acrylics **ADDITIVES** ADDITIVES ADDITIVES PIGMENT & FILLERS PIGMENT PIGMENT & FILLERS & FILLER WATER WATER WATER FOSSILE (DI ACID) FOSSILE FOSSILE RENEWABL FW/ABI









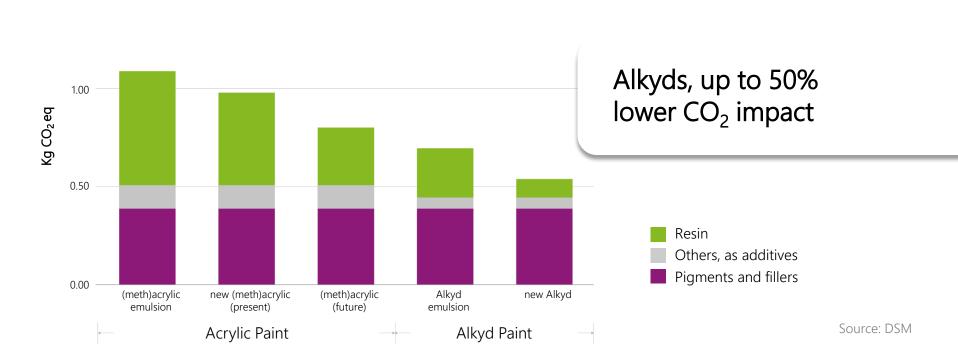




# **CO**<sub>2</sub> impact

1.50







#### Market trends and drivers

VOC, Sustainability Waterborne alkyds for deco coatings Renewable raw material Renaissance for Alkyds Increase in wood construction

h performance & environmental friendliness

RENI

10000000



Entering waterborne Alkyds

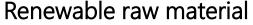
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### **Beautiful waterborne Alkyds**





#### option Best in wood protection Even better with Voxtar™

The sustainable

#### Low carbon footprint

Outstanding wood protection





#### Even better with waterborne

➡ The sustainable option Best in wood protection Even better with Voxtar™

#### Solventborne

In general high VOC

Cobalt (listed as carcinogenic)

MEKO (carcinogenic)

#### Waterborne

Low or no VOC

Iron complex replacing Cobalt No MEKO

#### **Beautiful Alkyds**



 The sustainable option
Best in wood protection
Even better with Voxtar<sup>™</sup>

Oxidative process once paint is applied

No contact with air

In contact with air

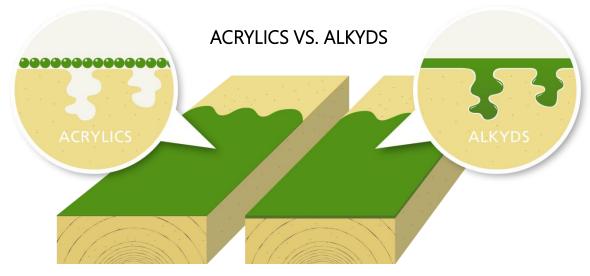


Dry

The only additive needed is air!

# **Best in wood protection**

- Penetrates the wood for longer lasting protection
- Outstanding metal protection
- Acrylics forms a film on top of the wooden surface



Perstorp

The sustainable option Best in wood protection

Even better with Voxtar™

# Even better with Voxtar™



#### Voxtar<sup>TM</sup> Pure advantage



Perstorp

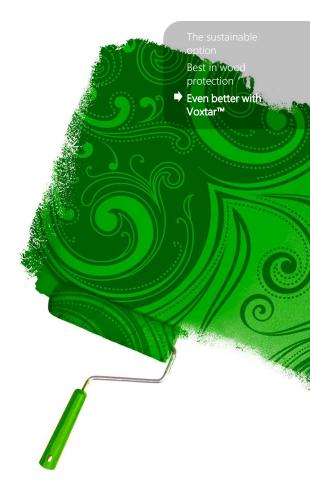
➡ Even better with Voxtar™

# Our green Penta – VOXTAR™

- ► Voxtar<sup>™</sup> Our range of renewable Penta products
- ▶ Up to 100 % renewable raw material\*
- ▶ Up to 80 % lower carbon footprint\*\*

#### Same trusted efficiency, security and high performance you expect from PENTA

\* Based on a mass balance system \*\* Cradle to grave, compared to European average



#### Waterborne Alkyds

**Our three developed technologies** 

Externally stabilized alkyd emulsion

Internal stabilized water thinnable

PUD alkyd technology

