



# Good2know

## Tuesday

GOOD2KNOW – 01/12/2015  
General Information

**Good2know that...** the types of thermosetting powder coatings are various, and need to be selected on the basis of the coating properties they should possess.

The table hereunder gives a brief overview of the main possibilities:

	EPOXY	EPOXY-POLYESTER	POLYESTER	POLYESTER-URETHANE
fumes in oven	no	no	no	yes
curing schedule	normal	normal	normal	slower
flow out	good	good	good	can be good when latent deblocking
pinholes	no	no	no	high risk, above 80µm
UV resistance	not required	not required	good	good/satisfying
corrosion resistance	very good	satisfying	satisfying	Satisfying
chemical resistance	very good	satisfying	satisfying	satisfying
mechanical properties			good	good
overcuring - yellowing	yellowing	yellowing	very stable	yellowing above 200°C

Of course, there are many more coatings to consider, all of them with their specific advantages or disadvantages, and the industry they will serve (architectural, technical, public, innovation ...). Yet, what needs consideration every time in order to guarantee a maximum of customer satisfaction, is:

- application possibilities
- costs (coating, installation ...)
- environmental hazard
- durability
- guarantee
- required functional or decorative properties

Many powder coatings are certified, which assures you of their qualities, but adds some more decisive questions to the table.

In order to make sure that your requirements will be covered by the powder properties, we suggest you take up contact with our powder coating experts. Free of charge, and beneficial for your time investment, production planning & cost, and ultimate customer satisfaction.

For more questions and information, we are at your service!

**Direct help:**            **+32 9 326 79 30** (Europe)  
                                 **+1-800-361-9364** (North America)