

Subject:	CURING INDEX
QUALICOAT resolution:	Resolution No. 8/TC 22.05.13
Date of ratification:	24 November 2016
Date of application:	1 January 2017
Amendments to the Specifications:	<ul style="list-style-type: none"> • Definition in Chapter 1. General Information (Terminology) • Additional sentence in Section 3.7.2 Stoving

1. General Information

TERMINOLOGY

[...]

Continuous line: A production line where parts are pretreated, coated and cured without intermediate handling.

Curing index: A numerical index of cure value that quantifies directly from the curing graph the total coating cure experienced against the coating supplier's paint cure schedule.

[...]

3.7.2 Stoving

The coating line shall have an oven for drying and one for curing; in cases where the oven is combined (performing both functions), an efficient control system for temperature and time shall be in place to ensure that suppliers' recommended conditions can be followed.

The conditions between the spray booth and the oven shall be absolutely free of dust and contamination.

All organic coatings shall be stoved immediately after application. The oven shall bring the products to the required temperature and maintain them at that temperature for the whole length of the prescribed time.

The temperatures of the products and the stoving times shall match the values recommended in the manufacturer's technical specifications. If the coater uses a calculation of the curing index, the value shall meet the coating suppliers' recommendations.

[...]