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Approver: lasse.eriksson@kalmarglobal.com
Version: 1

Kalmar Group Standard

KGS 50502

Part	Group
Method Standards	**Manufacturing Methods**

Name
Standard Colors

1 Scope

This Kalmar Group Standard, hereinafter referred to as KGS, covers the standard colors used in Kalmar and the designations of these, which shall apply to all Kalmar's technical files and systems (Sovelia, LN etc.).

All other colors are considered customer specific ones and those are not in the scope of this standard even though the framework described in this KGS can be applied.

2 Purpose

The purpose of this KGS is to establish a definitive list that identifies the standard colors recognized for Kalmar.

3 Responsibilities

Chief Engineers & Product Managers - responsible for defining the standard colors.
Sourcing & Order Management - If applicable, designating the colors according to this KGS.

4 Definitions

The following abbreviation is used to structure the designations:
C - Color name
GU - Gloss Unit

5 Records / References / Attachments

KGS 60131   Color Samples
KGS 60130   Paint Gloss

6 Procedure Description / Requirements

6.1 Designation standard color

Colors shall be designated by the word "Color" followed by a comma followed by a space followed by the color name (C) followed by a backslash followed by the gloss unit (GU), i.e. **Color, C/GU**

C and GU can be found in Table 1.

Designation examples
The Color Kalmar Red shall be designated as follows:
Color, Kalmar Red/75

The Color Traffic White shall be designated as follows:
Color, Traffic White/75

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6.2 List of standard colors

All standard colors are listed in Table 1.

Table 1- List of standard colors

Color name (C)	Gloss Unit (GU)	Tolerance	Gloss range	Remark
Kalmar Red	75	+10/-5	High gloss	Color acc. to color sample, based on RAL 3000
Kalmar Black	30	+10/-5	Semi-gloss	Color acc. to color sample, based on RAL 7021
Kalmar Grey	75	+10/-5	High gloss	Color acc. to color sample, based on RAL 7037
Kalmar Iron Grey	75	+10/-5	High gloss	Color acc. to color sample, based on RAL 7011
Kalmar Light Grey	75	+10/-5	High gloss	Color acc. to color sample, based on RAL 7035
Kalmar Pure White	75	+10/-5	High gloss	Color acc. to color sample, based on RAL 9010
Kalmar Jet Black [1]	75	+10/-5	High gloss	Color acc. to color sample,based on RAL 9005
Jet Black [2]	60	+5/-5	Semi-gloss	RAL 9005
Safety Yellow	75	+10/-5	High gloss	RAL 1037
Traffic White	75	+10/-5	High gloss	RAL 9016
Traffic Black	75	+10/-5	High gloss	RAL 9017

Note that colors labeled with the term "Kalmar," such as Kalmar Red, are manufactured using precise recipes and stricter color tolerances compared to their RAL code counterparts. This approach aims to minimize noticeable variations in shade when different components are painted at separate paint shops. These particular colors possess a distinct master sample that should be managed according to the guidelines specified in KGS 60131.

[1] Only for TT produced in Stargard
[2] Only for TT produced in Ottawa

6.3 Color samples
See KGS 60131.

6.4 Gloss measurement
See KGS 60130.