Product
INFO

Marabu

Marasign TS: All-Weather Ink for Traffic Signs

High-grade Screen Printing Ink with Best Features for Durable Traffic Signs

Screen
2009
15th June

Traffic signs have to fulfil strict standards and specifications. They have to pass several qualification procedures and different tests until the used materials are finally approved for the respective purpose. Reflectivity performance, colour coordinates, and best outdoor resistance are the most important keywords in this field.

Material Testing

The testing terms and procedures for the printing ink's approval are divided into 3 testing phases:

- Phase I includes the evaluation of the ink surface, adhesion, abrasion, edge definition, coefficient of retroreflection, and colour coordinates of the hardened ink film on the respective sheeting.
- Phase II includes the evaluation of the ink film after a 12-week accelerated weather test.
- Phase III includes the evaluation of the ink film after a 2-year outdoor exposure.

Marasign TS

The requirements for the printing ink have increased by changed surrounding conditions. Marasign TS has passed all these tests successfully and has been approved for the manufacturing of traffic signs:

The reflection data on the common sheeting categories RA 1–3 are ideal and reach the predefined colour coordinates. Pigments of best quality assure high light and weather fastness.

Marasign TS, as a 2 component ink, is to be processed with Hardener H 1 (800 g : 200 g). For best weather and chemical resistance it is recommended to overprint with UV Printing Varnish TS 911 (600 g : 200 g H 1).

Range

Marasign TS: 800 g unit
Art.-No. 3249 57 xxx

Hardener H 1: 200 g tube
Art.-No. 3519 72 005

Marasign TS 521 Transp. Yellow
Marasign TS 522 Transp. Orange (avail. 2010)
Marasign TS 536 Transp. Red
Marasign TS 552 Transp. Blue
Marasign TS 568 Transp. Green
Marasign TS 545 Transp. Brown (avail. 2010)
Marasign TS 573 Black (Opaque)
Marasign TS 911 Printing Varnish (600 g)
Marasign TS 904 Special Binder (800 g)

For further information please see our detailed Tech Info „Production of retroreflecting Traffic Signs" on www.marabu-inks.com

In the event of any queries, please contact:

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