



Coates Screen

Product Data Sheet

SCREEN PRINTING INKS ZE 1690

APPLICATION

Screen printing inks ZE 1690 are suitable for printing onto various synthetic textiles. Furthermore they are suitable for printing onto vulcanised rubber.

PROPERTIES

Screen printing inks ZE 1690 are quick drying, show a semi-gloss finish and medium opacity. Prints are elastic and formable.

COLOUR SHADES

ZE 1690 inks only contain pigments with a light fastness of 7-8 according to wool scale (DIN 16525).

The colour shades of the ZE 1690 range show heavy metal free pigmentation and correspond to EN 71, part 3, safety of toys, migration of certain elements.

PROCESSING

Screen printing inks ZE 1690 are processed as 2-component screen printing inks, mixing ratio with hardener ZH 10 : 1 parts by weight. The mixed ink has a pot life of 6-8 hours. Readily mixed bronze inks may show reduced pot life.

Special screen printing inks ZE 1690 can be thinned with thinner VD 20 or retarder VZ 05. Furthermore the thinners of 2-component screen printing ink Z would be suitable, i.e. VD 20, VD 60 as well as retarder VZ 25.

DRYING

Physically/chemically. At room temperature (20-25°C) drying time is approx. 1-2 minutes; with heat application and air circulation about 10-15 seconds.

STENCILS

All commercial solvent resistant stencils can be used.

CLEANING OF STENCILS AND TOOLS

Screen inks ZE 1690 can easily be removed from stencils and tools using our universal cleaning agent URS 3.

PACKING

ZE 1690 inks are available in 1 liter containers.

SHELF LIFE

For information regarding shelf life please see tin label.

CLASSIFICATION

Read material safety data sheets prior to processing.

The material safety data sheets according to Regulation (EC) No. 1907/2006 contain classification according to preparations directive (1999/45/EC) as well as instructions for precautions when processing, handling and storing as well as first aid.

The information given in the material safety data sheet refers to processing as described in this product data sheet.

STANDARD COLOURS			
white	ZE 1690/60-NT	black	ZE 1690/65-NT
white, highly opaque	ZE 1690/60-HD-NT		
PROCESS COLOURS ACCORDING TO EUROPE SCALE			
yellow	ZE 1690 180/NT		
magenta	ZE 1690 181/NT		
cyan	ZE 1690 182/NT		
C-MIX 2000 BASE COLOURS			
primrose	ZE 1690 /Y30	violet	ZE 1690 /V50
golden yellow	ZE 1690 /Y50	blue	ZE 1690 /B50
orange	ZE 1690 /O50	green	ZE 1690 /G50
scarlet	ZE 1690 /R20	black	ZE 1690 /N50
red	ZE 1690 /R50	white	ZE 1690 /W50
magenta	ZE 1690 /M50	varnish	ZE 1690 /E50
SPECIAL INKS			
varnish	ZE 1690/70		

The statements in our product and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the job. - All former product data sheets are no longer valid. APRIL 2008 – VERSION No. 3

Coates Screen Inks GmbH
 Wiederholdplatz 1 90451 Nürnberg
 Phone: 0911 6422 0 Fax: 0911 6422 200
<http://www.coates.de>