

37394 Stil de Grain, Yellow Lake, made of ripe buckthorn berries

Natural Yellow 14, C.I. 75440

Common names: Brown lake, yellow lake, persian lake, buckthorn lake, dutch pink, yellow carmine, italian pink

Stil de Grain is a plant-based pigment, derived from unripe buckthorn berries. The plant berries are steeped in a lye (potash), then precipitated with alum to create a translucent yellow "lake" pigment. Different hues can be reached by the addition of tin, copper or iron salts. The temperature also has an effect on the resulting color: a lemon yellow lake is obtained up to 50°C, and a darker, orange-colored lake is obtained at 100°C.

In the past Stil de Grain was an often used paint. They were used as glue-bound distemper and lime paint for wall painting, as well as for the preparation of hangings and colored paper. Various mixed hues (i.e. olive green and brown lakes) were prepared by mixing with chrome oxide green, blue, black or tar-colored which were also valued in the paper manufacture.

Das Sächsische Textilforschungsinstitut e.V. hat im Dezember 2007 eine Lichtechtheitsuntersuchung an folgenden Produkten durchgeführt:

The Sächsische Textilforschungsinstitute e.V. performed lightfastness-tests on the following products:

Bestell-Nr. - Product No.	Produktname	Product Name	in Aquarellmedi- um - in watercolor medium in 73075 Dispersion K 52	
37391	Saftgrün aus unreifen Kreuzdornbeeren	Sap Green, made from green buckthorn berries	4	5
37217	Krapplack violett-braun aus Wurzeln	Madder Lake violet-brown	1-2	3-4
37202	Krapplack aus Wurzeln	Madder Lake, genuine, made of natural root	4	4-5
37203	Krapplack aus Wurzeln, gelbstichig	Madder Lake, made of roots, yellowish	3	1-2
372141	Krapplack aus Wurzeln, dunkelrot	Madder Lake, brilliant dark red	4	3
372142	Madder Lake, brillantes bordeaux- rot	Madder Lake, brilliant bordeaux red	5	2
37394	Stil de Grain	Stil de grain E, yellow lake	1	1
SA	Krapplack II KREMER	MADDERLAKE II KREMER	3	1-2
SA	Krapplack I KREMER	MADDERLAKE I KREMER	2	1

1 = schlecht / poor

8 = sehr gut / very lightfast

TEST: DIN EN ISO 105 B 02

- Xenotest Beta LM
- medium effective humidity
- max. 50° C (SST)
- (33+/- 2) ° C (PRT)
- Xenochrom 320 (filter system)
- 42 W/m² (measured between a spectrum of between 300 and 400 nm)