

Ref.	Preparatory Layer(s)	Charcoal Untretated												Charcoal Oiled				Black Stone Kremer								Black Stone Crozon				Charcoal Reconstruction					
		Drawn				Traced				Pounced				Drawn				Drawn				Pounced				Drawn				Drawn					
		10	15	30	60	10	15	30	60	10	15	30	60	10	15	30	60	10	15	30	60	10	15	30	60	10	15	30	60	10	15	30	60	30	60
P1	Ground	-	-	-	-	-	-	-	-	-	-	-	-	+++	+++	+++	+++	++	++	++	++	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P2	Ground Rabbit-skin Glue	-	-	-	-	-	-	-	-	-	-	-	-	+++	+++	+++	+++	++	++	++	++	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P3	Ground Kremer Cold-pressed Linseed Oil	++	++	+	-	-	-	-	-	-	-	-	-	+++	+++	+++	+++	+++	+++	++	++	-	-	-	-	-	-	-	-	++	+	-	-	++	+
P4	Ground Rabbit-skin Glue Kremer Cold-pressed Linseed Oil	+++	+++	++	+++	++	-	-	-	+++	+++	-	-	+++	+++	+++	+++	+++	+++	++	++	++	++	+	+	-	-	-	-	+++	+++	+++	+++	+++	+++
P5	Ground HART Untreated Linseed Oil	+++	+++	++	+++	+++	-	-	-	++	++	-	-	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	+	+	-	-	-	-	++	+	-	-	++	+
P6	Ground Rabbit-skin Glue HART Untreated Linseed Oil	+++	+++	++	+++	++	++	++	++	+++	++	+	+	+++	+++	+++	+++	+++	++	++	++	++	++	++	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P7	Ground HART Drying Linseed Oil	+++	+++	++	+++	++	++	++	++	+++	+++	++	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	++	++	+++	+++	+++	+++	++	++	++	++	++	++
P8	Ground Rabbit-skin Glue HART Drying Linseed Oil	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P9	Ground HART ULO / HART DLO (1/1)	+++	++	++	+++	++	++	++	++	++	++	+	+	+++	+++	+++	+++	+++	+++	+++	+++	++	++	+	+	+++	+++	+++	+++	++	++	++	++	++	++
P10	Ground Rabbit-skin Glue HART ULO / HART DLO (1/1)	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P11	Ground Kremer CPLO / Turpentine	++	++	++	+	-	-	-	-	+	-	-	-	+++	+++	+++	+++	+++	+++	+++	+++	++	+	+	+	+++	+++	+++	+++	++	++	++	++	++	++
P11a	Ground Rabbit-skin Glue Kremer CPLO / Turpentine	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P12	Ground Rabbit-skin Glue Kremer CPLO / Turpentine	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P12a	Ground Rabbit-skin Glue Kremer CPLO / Turpentine	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P13	Ground Kremer CPLO Imprimatura	+	+	-	-	-	-	-	-	-	-	-	-	+++	+++	+++	+++	+++	+++	+++	+++	-	-	-	-	x	x	x	x	+	-	-	-	+	-
P13a	Ground Rabbit-skin Glue HART ULO / HART DLO (1/1) Imprimatura	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	+	-	-	x	x	x	x	+	+	+	+	+	+
P14	Ground Rabbit-skin Glue Kremer CPLO Imprimatura	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+	++	+	+	x	x	x	x	++	++	++	++	++	++
P14a	Ground Rabbit-skin Glue Kremer CPLO Imprimatura	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	++	++	++	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P15	Ground HART ULO / HART DLO (1/1) Imprimatura	+	+	+	++	+	+	+	+	-	-	-	-	+++	+++	+++	+++	+++	+++	+++	+++	-	-	-	-	x	x	x	x	+	+	+	+	+	+
P16	Ground Rabbit-skin Glue HART ULO / HART DLO (1/1) Imprimatura	+++	++	+	+++	++	++	+	++	+	+	-	-	+++	+++	+++	+++	+++	+++	+++	+++	-	-	-	-	x	x	x	x	+	+	+	+	+	+
P17	Ground HART ULO / HART DLO (1/1) Imprimatura / Turpentine	+	+	+	+	+	+	+	+	-	-	-	-	+++	+++	+++	+++	+++	+++	++	++	-	-	-	-	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P18	Ground Rabbit-skin Glue HART ULO / HART DLO (1/1) Imprimatura / Turpentine	++	++	++	++	++	+	+	++	+	-	-	-	+++	+++	+++	+++	+++	+++	++	++	-	-	-	-	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
P19	Ground Kremer CPLO Imprimatura / Turpentine	++	+	+	+	+	+	-	+	-	-	-	-	+++	+++	+++	+++	+++	+++	+++	+++	+	-	-	-	x	x	x	x	++	++	++	++	++	++
P20	Ground Rabbit-skin Glue Kremer CPLO Imprimatura / Turpentine	++	+	+	++	++	++	++	++	++	+	-	-	+++	+++	+++	+++	+++	++	++	++	++	+	-	-	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++

Appendix 2 – Performance and appearance of the reconstructed underdrawing.

Legend:

+++	No underdrawing material is lost or only the slightest material is lost. The underdrawing remains as visible as when first drawn, traced or pounced.
++	Some underdrawing material is lost. The underdrawing remains totally visible, although with a small decrease in intensity.
+	Quite some material is lost. The underdrawing remains visible but the lines are faint, although still visible.
-	The underdrawing material is totally or almost completely lost. Some faint partial lines may remain but the underdrawing is no longer visible.
x	The underdrawing material does not leave a visible mark on the surface.
CPLO	Cold-pressed Linseed Oil
ULO	Untreated Linseed Oil
DLO	Drying Linseed Oil
P13a-14a	Intermediate layer with a higher proportion of binder than P13 and P14
P11a-12a	The same as P11 and P12 but the excess of the binder from intermediate layer was absorbed with a cotton rag immediately after application.

Note: The blank cases correspond to tests or reconstructions that were not performed. For instance, in the case of the ground (P1), once the charcoal underdrawing was completely lost in the first test, there was no need to repeat the experiment after 30 or 60 days. In 2020, the test with oiled charcoal, whose behavior was consistent throughout all 2019 tests was often limited to the 10 or 15 days experiment so that space would be available on the panel's surface to test the black stone from Crozon.