

Drying Chart for Art Clay Series

	Drying Time			
	Hot Air Dryer	Cooking Plate	Kiln	Air Dry
ACS 650	More than 10 min.	More than 10 min. at 150°C / 302°F		More than 24 hrs.
ACS 650 Slow Dry	More than 45 min.	More than 20 min. at 150-180C / 302-356°F		Not recommended
Overlay Silver Paste	More than 10 min.	More than 10 min. at 100C /212° F		More than 60 min.
ACS Basic	More than 15 min.	More than 10 min. at 150C / 320°F		More than 24 hrs.
ACS Basic Slow Dry	More than 45 min.	More than 20 min. at 150-180C / 302-356°F		Not recommended
ACS Paper type	No need to dry			
ACS Oil Paste	More than 30 min.	More than 30 min. at 100C /212° F		More than 24 hrs.
AC Gold Clay type	More than 15 min.	More than 10 min. at 150C /320° F		More than 24 hrs.
AC Gold Paste type	(Undiluted) More than 5 min.	Not recommended		(Undiluted) More than 15 min.
	(Diluted) Depending on the medium amount.	Not recommended		(Diluted) NO

- Test pieces used for this chart are in 5g clay volume.
- Hot air dryer used for this chart is 1200W and 3-4 cm from the drying pieces.

Firing Chart for Art Clay Series

	Firing Temperature / Holding time (Kiln firing)								Other Methods		
	650°C 1202°F	700°C 1292°F	750°C 1382°F	780°C 1436°F	800°C 1472°F	850°C 1562°F	870°C 1598°F	990°C 1814°F	Stove top	Gas torch	
ACS 650	30min.	15min.	10min.	5min.		/			YES		
ACS 650 Slow Dry	30min.	15min.	10min.	5min.		/			YES		
Overlay Silver Paste	30min.	15min.	10min.	5min.	0min.	/			WHEN USED WITHOUT GLASS OR CERAMICS		
(Holding time/ Fire from cold kiln)					/						
ACS Basic	/				30min.	20min.	10min.	/		YES	
ACS Basic Slow Dry	/				30min.	20min.	10min.	/		YES	
ACS Paper type	/				30min.	20min.	/			SMALL PIECES, I.E. APPLIQUE ON GREENWARE	
ACS Oil Paste	/				30min.	10min.	/			SMALL PIECES, I.E. FLAT BEZEL WIRE SEAMS	
ACG Clay type	/							60min.	ONLY AS PASTE FORM ON ALREADY FIRED SILVER TORCH ONLY		
ACG Paste type	Application on fired ACS 500°C(932°F) → 800°C(1472°F) / hold 5min.								YES	NO	
	Application on porcelain surface Cold kiln → 800°C(1472°F) → switch off → under 100°C(212°F) to take out								NO		
	Application on glass surface Cold kiln → 800°C(1472°F) / hold 5min. → crash cool to 600°C(1112°F) → close kiln door → natural cool to take out										

- Test pieces used for this chart are in 5g clay volume.