

Biographical data of Albrecht Türrschmiedt

1821	Albrecht Constantin Türrschmiedt, born May 16 in Berlin as son of hornist and music teacher Carl Nikolaus Türrschmiedt (1776 – 1862) and concert singer and singing teacher Auguste Türrschmiedt, née. Braun, (1800 – 1866)
1839?	Graduation from Cologne Secondary School in Berlin
1839?	Military service with the Prussian Engineers of the Guard
1840	Study of natural sciences in Berlin adjacent to potter's apprenticeship at the pottery factory of master potter Tobias Christoph Feilner (1773 – 1839), under whom Ernst March (1798 – 1847) learned the trade, in Berlin
1845	Employed at brick factory of Lessing Manor in Hermsdorf, north of Berlin
1847	Steward of the Ruhnow Estate brick factory in Regenwalde Country, Pomerania, which belonged to his brother-in-law. Simultaneously engaged in the study of physics, chemistry, mineralogy and geology
1854?	Editor of a "drainage journal" entitled <i>Zeitschrift für Drainierung</i> , which appeared for a number of years
1857?	Lessee of a brick factory near Neustadt-Eberswalde
1857?	Co-founder of the <i>Polytechnischer Verein</i> in Eberswalde
1858	<i>Herbstklage</i> , a poem by A. Türrschmiedt set to music by Dutch Composer W.F.C. Nicolai (1829 – 1896)
1858	Journey to Belgium, Great Britain and France to study the art of brick manufacturing
1859	Lectures before the <i>Polytechnische Gesellschaft</i> in Berlin on peat production and brick manufacturing according to the Flemish method; diverse publications
1860	Journey to Prague to see the second subterranean "ring oven" built by Friedrich Hoffmann, incl. participation in the first firing
1861	Report before the <i>Polytechnische Gesellschaft</i> in Berlin "On the annular kiln built according to the Hoffmann-Licht Principle and commissioned in Prague"
1865	Founding of the <i>Deutsche Verein für die Fabrication von Ziegeln, Thonwaaren, Kalk und Cement</i> (German association for the fabrication of bricks, pottery, lime and cement) together with Friedrich Hoffmann. Elected as scribe and secretary
1865	Editor and publisher of newsletter entitled <i>Notizblatt des Deutschen Vereins für die Fabrication von Ziegeln, Thonwaaren, Kalk und Cement</i> (~Infosheet of the German Association for the Fabrication of Bricks, Pottery, Lime and Cement (for members only)
1866	Next journey to France
1870	Founder and publisher of the <i>Deutsche Töpfer- und Ziegler-Zeitung</i> (~German potters' and brickmakers' gazette)
1868?	Establishes the chem.-technical laboratory of the German association for the Fabrication of Bricks, Pottery, Lime and Cement, later to belong to the German potters' and brickmakers' gazette

1871	Türschmiedt dies on October 14 in Berlin from complications stemming from tonsillitis two weeks after health spa therapy in Bad Burtscheid near Aachen
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Appendix 2

Publications by A. Türschmiedt

The Memosheet of the German Association for the Fabrication of Bricks, Pottery, Lime and Cement was not available in bookstores, but only sent to members of the association.

The literary memoranda and miscellanea in the Memosheet were edited by Albrecht Türschmiedt and his deputy, D. Philipp (died 1868).

A. Türschmiedt himself drew all drawings (tables) for his publications with great exactitude.

Year	Title (all titles translated; for original titles, see German table)	Journal
1859	On brick fabrication – three papers presented to the <i>Polytechnische Gesellschaft</i> in Berlin	Plahn'sche Buchhandlung, Berlin 1859
1859	On peat production – three papers presented to the <i>Polytechnische Gesellschaft</i> in Berlin	Plahn'sche Buchhandlung, Berlin 1859
1861	On the annular kiln built according to the Hoffmann-Licht Principle and commissioned in Prague – presented as a lecture to the <i>Polytechnische Gesellschaft</i> in Berlin	Dingler's Polytechnisches Journal Bd. 160. (1861)
1865	On the structural conditions of clay and their effects on brick fabrication	Notizblatt, Jg. 1, S. 66, 126 und 167, 1864
1865	The difference between ceramification and vitrification by fire	Notizblatt, Jg. 1, S. 107, 1865
1865	On the refractoriness and firing requirements of clays	Notizblatt, Jg. 1, S. 149, 1865
1865	Common (brick) clay	Notizblatt, Jg. 1, S. 129, 1865
1865	Common clay in diverse formations	Notizblatt, Jg. 1, S. 130, 1865
1865	Accessorial constituents of common clay	Notizblatt, Jg. 1, S. 167, 1865
1865	The genesis of common clay	Notizblatt, Jg. 1, S. 169, 1865
1866	On the firing of bricks with coal as fuel	Notizblatt, Heft 1/1866
1866	The firing of bricks in a common brick kiln and in an annular kiln	Notizblatt, Jg. 2, 1866
1866	On fireclays, their effects on homogeneity and their role in brick production	Notizblatt, Jg. 2, 1866
1866	On the pressing of fired bricks (compressive testing as a quality criterion)	Notizblatt, Jg. 2, 1866
1866	On cement fabrication	Notizblatt, Jg. 2, S. 170; 1866
1867	A collection of thoughts on brick fabrication – the concept of clay	Notizblatt, Jg. 3, S. 214 – 227, 1867
1867	On Portland cement – a review of the	Notizblatt, Jg. 3, S 85-102,

	dissertation by W. Michaelis, Verlag Fischer Wittig, Leipzig	1867
1867	On draft in kilns for earthy substances, Hoffmann ring kilns in particular (debate with Lipowitz – concerning the burning of cement)	Notizblatt , Jg. 3, S. 228-243, 1868
1868	A collection of thoughts on brick fabrication	Notizblatt, Jg. 4, S. 139, 1868
1868	Sources and constitution of clays	Notizblatt
1868	A sand screen for brick factories	Notizblatt, Jg. 4, S. 211 und Tafel 21, 1868
1868	On the weathering of clay	Notizblatt, Jg. 4, S. 215, 1868
1868	A collection of thoughts on brick fabrication	Notizblatt, Jg. 4, 1868
1868	Intermitting and brick drying in Hoffmann ring kilns (controversy with Dr. Julius Matern)	Notizblatt, Jg. 4, 1868
1868	Sources and constitution of clays	Paper presented at the general assembly of German Association of Manufacturers of Bricks/Tiles, Pottery, Lime and Cement, Jan. 22, 1868
1868	Conditions prevailing at today's brick factories)	Notizblatt, Jg.4, 1868
1868	A few things that have nothing to do with brick production but are nonetheless of interest – demands lodged by building officers	Notizblatt, Jg. 4, S. 237, 1868
1868	Experience concerning the performance of hollow accessories of fired clay – on the misuse of hollow terracotta filled with cement – Königsberg University	Notizblatt
1868	A collection of thoughts on brick fabrication – derivation of the origins of various clays	Notizblatt, Jg. 4, S. 130-163, 274-286, 337-359, 1868
1868	Hydraulic mortar, particularly in the chemical-technical sense – a discussion	Notizblatt, Jg. 4, S. 371-391, 1868
1868	On the incorporation of railways at brick factories	Notizblatt, Jg. 4; S. 295 und Tafel 24
1869	On the incorporation of railways at brick factories	Notizblatt, Jg. 5, S. 138, Tafel 26, 1869
1869	Science, art and life	Notizblatt, Jg. 5, S. 407, 1869
1869	A collection of thoughts on brick fabrication	Notizblatt, Jg. 5, S. 233, und Tafel 30, 1869
1869	Some information on the burning of lime in ring kilns	Notizblatt, Jg. 5, S. 190, 1869
1869	On gas and regenerative kilns	Notizblatt, Jg. 5, S. 296, 1869
1869	Burnt-lime powder	Notizblatt, Jg. 5, S. 309, 1869
1869	On the shortening of clay by volcanic activity	Notizblatt, Heft 5/1869
1869	The soaking of clay in preparation for further processing	Notizblatt, Jg. 5, S. 382, 1869
1869	On clinkers	Deutsche Bauzeitung Jg. 1869

1869	On the origins of clay due to volcanic activity	Notizblatt, Jg. 5, S. 365-378, 1869
1869	On the significance of Asimont's silicates as cement – discussion of notice in <i>Försters Bauzeitung</i> , Vienna 1868/69	Notizblatt, Jg. 5, S. 426-430, 1869
1870	Closed ring kiln vs. open ring kiln	Deutsche Bauzeitung Jg. 1870
1870	Heavy processing of silty and unctuous clay	Deutsche Bauzeitung Jg. 1870
1870	A rebuff for drain pipes made of cement	Deutsche Bauzeitung Jg. 1870
1870	On the significance of Asimont's silicates as cement (continuation)	Notizblatt, Jg. 6, S. 259-268, 1870
1870	On the specific gravity of clayware	Notizblatt, Jg. 6, S. 259, 1870
1871	A remote contribution to the operation of brickyard machinery	Notizblatt, Jg. 7, 1871
1871	On oxidizing and reducing flames in brick kilns	Notizblatt, Jg. 7, 1871
1871	On the colouration of facing bricks	Notizblatt, Jg. 7, 1871
1871	The use of cement – and a report by Alexia Riese	Deutsche Bauzeitung Jg. 1871, S. 235 – 238
1871	Thoughts on brick fabrication – winter weathering	Notizblatt, Jg. 7, 1871
1871	On the use of cement	Notizblatt, Jg. 7, S. 145-151, 1871
1871	Berlin's first concrete house	Notizblatt, Jg. 7, S. 240-241, 1871