

CRAFT & STRUCTURE UNIT

ADVANCED STUDIO



LIQUID CLAY A WINERY IN SOUTH TYROL

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South Tyrol's cultivated valleys bear the imprint of centuries of viticulture, where vineyards, cooperatives and village infrastructures have continuously shaped the landscape of the lower alpine valleys. Within this context and the Craft and Structure Studio you will project a winery devoted exclusively to wine aged in amphorae, clay vessels in which earth, liquid and time merge through gradual processes of transformation.

Grounded in the idea of terroir, the inseparable relationship between soil, climate, cultivation and cultural practice, the architecture emerges as an extension of the landscape itself. Rather than appearing as an autonomous object, the winery settles into the terrain, continuing vineyard paths and agricultural layers as though excavated from the same geological mass. Drawing from the mineral character of South Tyrol and its long-standing traditions of collective wine production, the project is shaped directly by the rituals and stages of winemaking: cultivation, harvest, pressing, fermentation, micro-oxidation, bottling and tasting unfold as a sequence of spatial and atmospheric conditions.

In the winery visitors move through environments carefully attuned to temperature, humidity and filtered light where architecture is experienced through slowness, material presence and transformation. Earthen walls, rammed clay surfaces and amphorae-filled chambers create a quiet, cool and immersive atmosphere. Through the use of Liquid Clay, alongside other clay-based construction techniques, the project envisions an architecture of material memory, reconnecting viticulture to its origins, where wine becomes a living dialogue between soil, climate, craft and time.

The studio collaborates and exchanges with the Academy of Architecture Amsterdam, NTNU Trondheim and KU Leuven through the Erasmus+ program Crafting Clay.

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