

Metal Oxides and Metallic Glitters

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This study quests metallic glazes which contributes functionality and durability to ceramic art along taking attention with their visual effects, and discusses glazes that made with metallic oxides. In ceramic art, metallic glazes are used in art ceramics, and are important as they give texture, color and a metallic effect to the objects. Throughout ages, to obtain metallic or glittering effect on ceramic surfaces, researches have tried different firing atmospheres and firing degrees (Şölenay, 1995: 5). From this point, metallic glazes by induction, occurs as a thin metallic film on surface, generally applied on fired glaze surfaces or sometimes in some occasions used as glaze itself. Contemporary artists prefer glazes that bring in artistic value to industrial and art ceramics objects. Being comprehended as an artistic glaze in contemporary ceramics, metallic glazes take attention on mural and three-dimensional ceramics with metallic glitters. Within the context of this research glaze samples made with metallic oxides are applied on work plates as thin and thick layers and fired at 1040 °C. at the end of firing process positive and negative effects, textures, glitter and opacity on the structure are presented with pictures.

Keywords: metallic, oxide, ceramic, glaze, glitter