

ISO/TC107 - Metallic and other inorganic coatings: Involvement, Activities and Standardization

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초 록: ISO (International Organization for Standardization) is an independent, non-governmental international organization with a membership of 163 national standards bodies (NSB). The ISO standards are developed and processed within the technical committees (TC) or their subcommittees (SC) dealing with the different subject matters. The first technical committee, ISO/TC1, deals with screw threads and was created back in 1947. While, more recently, TC 309 was created to standardize organizational governance. The ISO technical committee in the field of metallic coatings was created in 1962 with the title ISO/TC107- Metallic and other inorganic coatings. This ISO/TC107 technical committee is dealing with the standardization of the characteristics of protective and decorative metallic coatings applied by electrolysis, fusion, vacuum or chemical means, mechanical deposition and ion plating. Similarly, it also covers the standardization of the characteristics of protective and decorative non-metallic coatings (excluding paints and other organic coatings) on metal surface applied by electrolysis, fusion, vacuum or chemical means. Scope is further extended to the Standardization of the preparation of the substrates prior to the deposition of metallic and inorganic coatings. There are a total of 144 existing ISO standards published by this technical committee and has 19 participating countries (P-members) and 24 observing countries (O-members). Korean Agency for Technology and Standards (KATS), being the secretariat of ISO/TC107, is constantly supporting this technical committee for the development of standards and related activities.

참고문헌

1. <https://www.iso.org>