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Speech:
Drymix products contribution to indoor air quality

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A green, or sustainable, building is a structure that is designed, built, renovated, operated or reused in an ecological manner. Occupant health and safety are fundamental requisites for a construction to be called green: buildings with good overall environmental quality can reduce the rate of respiratory disease, sick building syndrome and enhance worker performance. Many building materials emit toxic gases such as volatile organic compounds and formaldehyde, that can have a detrimental impact on occupants' health. Several countries and international communities have imported various regulations mandating maximum VOC of products, thereby establishing indoor air quality standards and restricting certain chemicals from usage within construction industry. Emicode EC1 classification has gained increasing importance in the European Community, and establishes very tight constraints on Volatile Organics and carcinogenic chemicals, creating a significant selection criterion for drymix products to be used in truly sustainable buildings. The paper will present examples of complete systems for the application of ceramic coverings complying to EC1 requirements.