



We create chemistry

Sports Facilities Product Spotlight

Overview

Sports and entertainment facilities are designed to safely accommodate large crowds and lots of movement. With a variety of solutions that leverage sustainable aspects of design and construction, BASF really stands out in the crowd. Our products help improve the fan experience while reducing maintenance and operating costs. Whether it's the chemical admixtures that help produce high quality and durable reinforced and pre-cast concrete; the deck coatings and performance flooring designed for durability and quick turnaround; or the expansion joints that provide critical life safety and durability; BASF construction products are a key component in a wide variety of structures, from stadiums to concert halls.



BASF Center for Building Excellence

For more information on these products or to connect about other sustainable building practices, collaborate with us at [construction.basf.us/cbe](https://www.construction.basf.us/cbe).

Pigments and light stabilizers for artificial turf and ultraviolet light absorbers, light stabilizers and pigments for stadium seating durability



MasterSeal® - traffic membrane system



MasterSeal® NP150 Sealant for vertical and horizontal joints



Sound-absorbing baffles made with Basotect® material

Construction Specifications Institute MasterFormat

BASF products can be found throughout a variety of divisions across the sports and entertainment sectors.

Division 03: Concrete

Green Sense® Concrete: an environmentally preferred, cost-effective concrete with optimized proportions in which supplementary cementitious materials, non-cementitious fillers, or both, are used with Master Builders Solutions admixtures.

MasterLife®: family of admixtures impart a wide range of properties into concrete that provide resistance to deterioration caused by abrasion, corrosion of steel, alkali silica reaction, sulfate attack and drying shrinkage cracking.

Division 05: Metals

Sandwich Plate System (SPS): Intelligent Engineering has developed SPS over the past 20 years. SPS is a composite material comprising two metal plates bonded with polyurethane elastomer core. It is a structural element that is available now as a stronger, faster-to-install, structural replacement for concrete in all types of applications. SPS is accepted and used by engineers and architects worldwide for projects that include floors, cores and walls for high-rise buildings; stadium and arena grandstands and terraces; new construction or reinstatement of highway and pedestrian bridges; ballistic and blast protection for buildings and structures; sound and vibration control of industrial machinery.

Division 07: Thermal and Moisture Protection

Elastospray® and Elastocoat®: a seamless closed-cell, spray-applied polyurethane foam roofing system for new and existing roofs. The lightweight system improves building energy efficiency and indoor comfort, is applicable over existing substrates saving tear-off costs and waste, and is proven leak free with a long-term warranty offering. It has a long service life, repairs easily, and it can be re-coated and renewed to extend service life 10–30+ years. It also boasts the highest wind uplift resistance.

Enershield® HP and Enershield® I: one-component, fluid-applied vapor permeable or impermeable air/water-resistive barrier. This waterproof, resilient coating may be spray-, roller-, brush- or trowel-applied directly to approved above-grade wall substrates to create a seamless barrier of protection. Air Barrier Association of America (ABAA) evaluated.

MasterSeal® Traffic 1500 Waterproofing System: seamless elastomeric membrane that offers excellent durability and superior abrasion resistance, has no seams that may result in leaks and is skid resistant for increased safety.

Neopor®: A graphite enhanced polystyrene (GPS) based rigid thermal foam insulation that can help mitigate the risk of damage associated with condensation of water vapor inside of wall cavities. With Neopor only air fills the cells. This means Neopors® R value remains stable over time. Neopor is GREENGUARD® GOLD certified for low chemical emissions.

Platinum CI: exterior cladding system featuring Neopor® advanced insulation technology. It offers design flexibility, aesthetic appeal and energy savings. Integrated system components include reinforced air/water-resistive barrier, adhesive, Neopor insulation board, reinforced base coat and 100% acrylic polymer finish. IBC, IRC and IECC listed product.

Wabo® Allure Expansion Joint System: meets the interior designer's expectations for minimal sightlines without sacrificing structural performance. For premium floor spaces, suites and concourses.

Wabo® CorridorWrap Interior Wall & Ceiling Expansion Joint Systems: The Wabo® CorridorWrap family of expansion joint systems offers the interior designer aesthetically pleasing options to minimize the sightlines of the expansion joint requirement, allowing the interior to be continuous and alive.

Wabo® Evazote Sealing System: closed cell, low-density sealing element providing a sound-attenuating expansion joint seal for seating bowl treads and risers and concourses. Used independently or with the Wabo SafetyFlex Cover System, the Evazote is a simple and practical means of sealing a structural expansion joint.

Wabo® SafetyFlex Expansion Joint Cover: a durable articulating rubber encapsulated expansion joint cover which can handle every challenge and aspect of the seating bowl and concourse environment. Allows the owner and user the safety and noise attenuation of a rubber cover with the encapsulated strength of steel for durability and functionality year after year.

Wabo® WeatherSeal II Expansion Joint Seal: a silicone-faced, weather-tight foam seal featuring an extensive color palette for wall and interior harmony. Its sound-attenuating characteristics make it an ideal expansion joint material choice for stadiums, ballparks and public spaces.

Division 09: Finishes

Basotect® Melamine Foam: lightweight, flexible, open-cell foam that is used in room acoustic products. Basotect-based products have a high absorption capability of sound waves. When left untreated, the sound waves will reflect off of hard surfaces increasing the background noise and decreasing speech intelligibility. Basotect provides a high degree of design freedom, as the foam can be easily processed into a variety of different shapes and can be easily colored or combined with different laminates. The foam is also very lightweight, meaning it is very easy to install. With regard to safety, the product contains no fibers, meets NFPA Class A fire ratings without the use of flame retardants, and, when installed in the right proportions, meets the California 1350 indoor air quality standard.

MasterTop® SRS: resinous flooring systems combine the ease of maintenance with the toughness and durability required in challenging commercial, institutional, and chemical environments. In addition, the flooring systems can be installed in a variety of attractive colors, finishes and surface profiles.

Flexible White Roof Coatings: BASF's Acronal® acrylic dispersions and Quick-Trigger® technology are specifically designed for use in sustainable reflective roof solutions that help contractors protect against "wash-off" from early rain, decrease labor time and broaden the application season. Ask about BASF's Brilliance™ Roof Coating Program, a holistic approach to acrylics used in roof coatings.