

DATA CENTERS

A SMARTER APPROACH TO CONSTRUCTION
MATERIALS



SikaSmart[™]
Expert Solutions for Data Centers

BUILDING TRUST



EXPERT SOLUTIONS FOR DATA CENTERS

Meet all your construction needs from one source...



EnergySmart® ROOF

- Reflective cool roof inhibits heat flow from solar radiation from entering the building interior, reducing A-C energy consumption by up to 20%
- Helps to mitigate the urban heat island effect
- Extended performance and reflective surfaces help to control capital expenses, HVAC operating costs and roof maintenance expenses



SIKA CONCRETE ADMIXTURES

- Sika® ViscoCrete® Water Reducers for improved durability and production of Self Consolidating Concrete (SCC)
- Reduce bugholes with SCC and Sika® PerFin® 305 and make perfectly smooth concrete
- High early strength concrete with Sika® Rapid 1 and SikaSet®
- Sika Watertight Concrete Integral admixtures to insure the watertightness of your structure



FLOORING - ELECTROSTATIC CONTROL & WATERPROOFING (Server, Mechanical & Clean Rooms)

- Extensive ESD polymer product line with customized possibilities to match specific facility needs
- Consistent electrical properties with no conditioning required
- Easy to repair and maintain
- Low Odor / Low VOC systems
- Proprietary technologies developed by ESD flooring experts



WATERPROOFING ROOF TO FLOOR

- Single-ply vinyl membranes & systems with heat welded seams
- Flexible cold-liquid applied system provides self-adhered watertight flashings at architectural elements
- Greenstreak® PVC waterstops for concrete joints exposed to water
- Weathersealing for buildings and offices
- Integral waterproofing concrete admixtures
- Chemical injection grouts for sealing joints/cracks

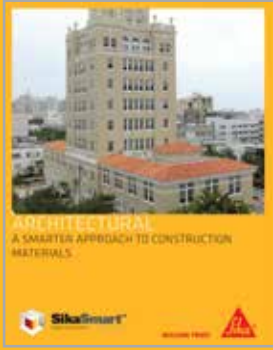
JOINT SEALANT SOLUTIONS

- Sika offers a full range of silicone, polyurethane & hybrid sealants
- Durable, UV resistant & non-staining sealants keep joints, gaps & cracks weathertight in all conditions
- Trusted for a wide range of applications: high traffic areas, curtain wall, precast elements, aluminum composite materials, brick work & architectural stone
- Compatible solutions for securing the building envelope at its most vulnerable points - the transitions
- Wide color selection & custom color matching for unique requirements

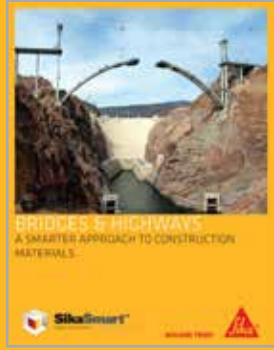
WALL COATINGS

- Sikagard® facade coatings provide long-term protection of reinforced and precast concrete building facades from the ingress of carbon dioxide and water
- Enhance the aesthetics of concrete and masonry
- Extends the life of reinforced concrete
- Breathable coatings, will not act as a vapor barrier

SikaSmart® Solutions to Construction Challenges in...



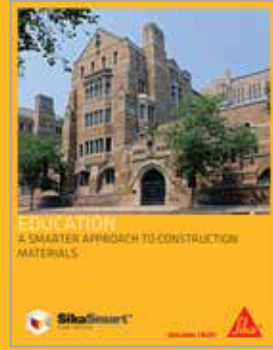
ARCHITECTURAL



BRIDGES & HIGHWAYS



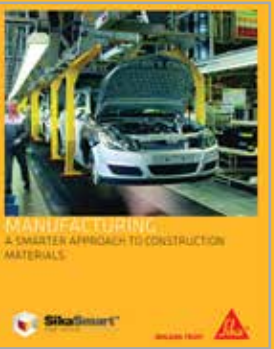
DATA CENTERS



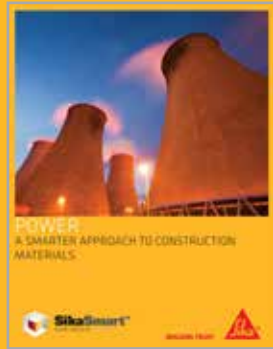
EDUCATION



HEALTHCARE



MANUFACTURING



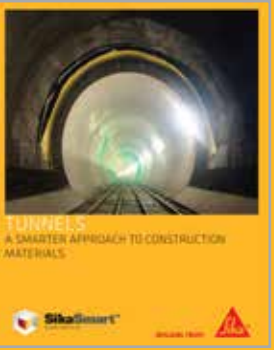
POWER



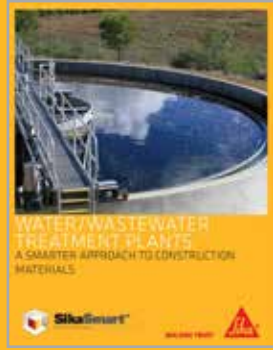
STADIUMS/ARENAS



TRANSPORTATION



TUNNELS



WATER & WASTEWATER TREATMENT

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