



VANDEX SUPER was chosen to provide waterproofing and protection for exhibition hall and floor slabs at new Hong Kong Convention and Exhibition Centre.

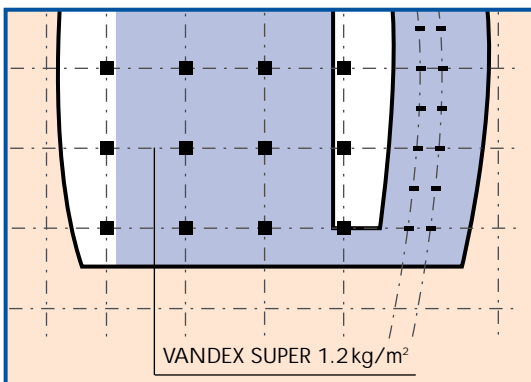
The historic ceremony marking Hong Kong's transfer to China took place in June, 1997, at the exhibition hall of the new Convention Centre. Numerous senior government officials from all over the world witnessed the historic moment.

The highly individual yet elegant structure will be a new Hong Kong landmark for both political and aesthetic reasons. The sweeping roof creates the illusion of a bird's flight against the backdrop of Hong Kong's harshly linear skyline.

To waterproof and protect the surfaces of the supporting floor slabs of the exhibition hall, VANDEX SUPER was applied on three levels (43,000 m² overall) using the dry-sprinkling method. In this process, VANDEX SUPER is sprinkled dry onto the fresh concrete and worked into the slab with a power trowel. Accuracy of workmanship had to meet very high standards as well. The tolerance limit was ± 3 mm, with bay sizes of 6 x 18 m.

The ambitious \$620-million project was completed in the record time of 3½ years from 1994 to 1997. VANDEX SUPER was applied on an area of totally 46,700 m² including the exhibition hall, floor slabs and ramps.

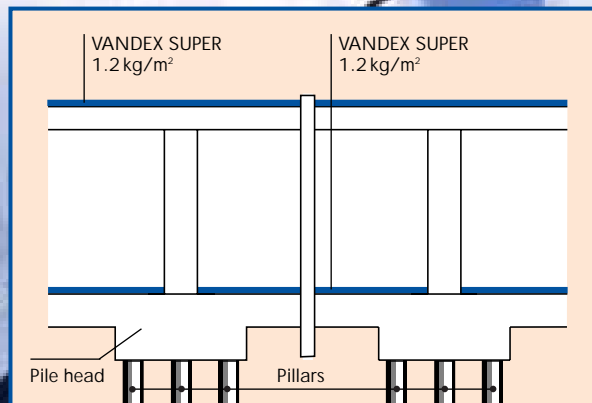
VANDEX FOR NEW HONG KONG LANDMARK





VANDEX SUPER application wet-on-wet on base slab and concrete ceilings using vibratory beam and power trowel.

Illustration: Convention Centre, cross section of basement.



VANDEX SUPER

Waterproofing Slurry

- in-depth waterproofing and protection
- for concrete against active and passive water pressure

Application

VANDEX SUPER is used on old and new, sound concrete.

Properties

VANDEX SUPER is waterproof (tested up to 7 bars) and suitable for application on vertical as well as horizontal surfaces.

VANDEX SUPER is durable and resistant to frost and heat, but remains permeable to water vapour.

Bulk density: about 1.25 kg/litre
Setting: 60 minutes

Project name: Hong Kong Convention and Exhibition Centre, Phase 2, Extension **Architects:** Wong & Ouyang (HK) Ltd., Hong Kong; Skidmore, Owings and Merrill, Chicago, U.S.A. **Main contractor** (joint venture): Hip Hing Construction Co. Ltd., Hong Kong and Dragages et Travaux Publics (HK) Ltd. (Bouygues Group) **Vandex applicator:** Erawan Co., Ltd., Hong Kong