

Media Release

ACC develops high-quality temperature-controlled concrete, Coolcrete

Reduces heat of hydration, minimises thermal cracking

Mumbai, 27th February 2023: ACC Limited, the cement and building materials company of Adani Cement and part of the Adani Group, has formulated a temperature-controlled concrete, 'Coolcrete'. It has been developed to prevent the rise of the internal temperature of the concrete beyond the specified limits for mass concreting or large pours. It reduces the heat of hydration, minimising the risk of thermal cracking and delayed ettringite formation in mass concrete.

The Peerless Hospital in Kolkata is upgrading its existing medical infrastructure with 'Coolcrete'. The hospital is building a new block between outpatient and oncology departments for confined cancer treatment by erecting a 1600mm radiation wall using M30 grade RMC at 25°C and a slump of 150 mm-160 mm.

The product has a strength of up to M100 with 550-750mm flow and high segregation resistance. It also ensures the reduction of drying shrinkage and concrete bleeding. **Structures built with 'Coolcrete' are more durable than conventional concrete structures** due to fewer internal cracks and better resistance to water and chloride ingress.

Mr. Ajay Kapur, CEO, Cement Business said, **"Our** innovative products are developed keeping in my mind the unique needs of our customers. 'Coolcrete' and several of our other products are outcome of our best practices and expertise in this domain. We keep innovation at the core of our business and are also mindful of the quality offered, which is beyond comparison. We have always strived to produce superior quality products for our customers to cater to their varied requirements and help them build sustainable structures."

Adani Cement is committed to building nations with goodness and is making unremitting efforts to become the most innovative, sustainable, and economical cement and building solutions company in India.

About ACC Limited

ACC Limited is a part of Adani Cement and one of India's leading producers of cement and ready-mix concrete. It is a member of the Adani Group - the largest and fastest-growing portfolio of diversified sustainable businesses. ACC has 17 cement manufacturing sites, over 87 concrete plants and a nationwide network of channel partners to serve its customers. With a world-class R&D centre in Mumbai, the quality of ACC's products and services, as well as its commitment to technological development, make it a preferred brand in building materials. Established in 1936, ACC is counted among the country's 'Most Sustainable Companies' and is recognized for its best practices in environment management and corporate citizenship. With sustainability at the core of



its strategy, ACC is the first Indian Cement Company to sign the Net Zero Pledge with Science Based Targets.

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