

ELOTEX HD2040

ELOTEX® HD2040 is a flexible redispersible polymer powder based on a copolymer of vinyl acetate and ethylene with hydrophobic properties for exterior render applications. It acts as an organic binder to enhance the adhesion ability, cohesion, and workability of corresponding building materials, such as ready-mix dry mortars. ELOTEX® HD2040 is a flexible, hydrophobic product with high ethylene content, especially suitable for external thermal insulation composite systems. Mortars modified with this product exhibit good water repellency and reduced water absorption, while also offering good adhesion and impact resistance on polystyrene substrates. ELOTEX® HD2040 is formaldehyde-free with extremely low emission levels of volatile organic compounds (VOC), allowing manufacturers to formulate finished products in accordance with stringent eco-labelling requirements, such as EMICODE EC1PLUS.

Specifications

Appearance	Free flowing, opaque white powder
Polymer base	Vinyl acetate-ethylene copolymer
Protective colloid	Polyvinyl alcohol
Additives	Mineral anti-block agents
Bulk density	450-650 g/l
Residual moisture	≤ 1.0 %
Ash content, 950 °C	10.0-13.0 %
pH, 10% redispersion in water	6.0-9.0
Minimum film forming temperature	0 °C

Applications

External Thermal Insulation Composite Systems (ETICS/EIFS) (adhesive mortars, base (embedding) coats, top (finishing) coats); renders (cement). For any additional applications please contact your local consultant.

Storage

Store ELOTEX® powder in a cool, dry place in original packaging at temperatures not exceeding 25 °C and process within six months after the date of delivery. Avoid storing ELOTEX® powder under pressure, in damaged sacks, in contact with moisture or heat, or in sacks left open for an extended period, as this may result in blocking of the powder. If the product is stored for longer than six months after the date of delivery, users are advised to evaluate properties required for the intended use.

Packaging and transport

Standard packaging: 25 kg paper sacks with polyethylene liners. Other types of packaging, such as Big Bags or delivery in silo wagons, are available on request.

Safety and handling

ELOTEX® redispersible powders are not classified as hazardous. However, we recommend all individuals using ELOTEX® redispersible powder, or coming in contact with it, to observe the separate Safety Data Sheets. Our safety specialists will be pleased to advise you on the safety, health and environmental issues relating to our products. Powder processing: ELOTEX® redispersible powders can be blended in all commercial mixers with other dry additives to produce finished products in powder form. Since ELOTEX® redispersible powders exhibit thermoplastic behaviour, mixing times should be as short as possible, and significant temperature increases caused by strong shear forces should be avoided. All hydraulically and non-hydraulically curing dry mixtures can be easily combined with ELOTEX® redispersible powder and subsequently mixed with water before application.

Certifications

Nouryon Chemicals AG has been certified according to ISO 9001, ISO 14001 and OHSAS 18001.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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The Nouryon logo consists of a stylized orange 'N' followed by the word 'ouryon' in a lowercase, sans-serif font, all in orange.