

Epoxy Acrylate Based Thixotropic Anchorage and Mounting Mortar (Chemical Anchor)

Description

Two-component epoxy acrylate based rapid hardening anchorage material.

EN 1504-6 CE Certificate.

Ministry of Environment and Urban Planning Pos.
No: 04.613/8E

Areas of usage

- *Woodwork, louver, lamp, pipe, satellite dish mounting,
- *Water closet, bathroom armatures,
- *Reinforcement anchorage, ironstone planting
- *Advertising sign, road signs, doors, guardrails, hand rails, tent mounting.

Features of Product

It is rapid curing. It can be used with standard guns. It can be used at low temperatures. Its load carrying capacity is high. Its consumption is low.

Application Procedure

Surface Preparation

The application surface should have sufficient resistance. The concrete should have 25 N/mm² pressure resistance minimum and 1,5-2 N/mm² tensile strength. The surface should be smooth, clean and dry and moisture rate should not exceed 5%. It should avoid applying in very humid ambient and under 10°C temperatures. Anchor holes should be clean.

Application

The application surface should be clean. Oil and dirt and all loose materials which may reduce adherence should be removed. Drill anchorage hole with a driller. Clean the hole with a wire brush. Clean the hole with compressed air. Attach a mixer nozzle to the tip of the cartridge. Press it with its special gun until it gets a homogeneous colour. Do not use the first product coming out of the mixer. Fill it by starting from the bottom. Fill half of it. Insert junction piece into the hole by rotating it. Remove overflow material before it gets hardened. Do not touch the junction piece before it gets hardened fully.

Mixture ratios

By volume A:B 10:1

Technical Specifications

Colour	: Grey
Solid matter	: 100%
Brightness	: Matt
Specific Weight	: 1.57 (±0.05)
Mixture rate	: 10:1
Compressive strength	: 60-65 N/mm ²
Adherence stress	: 8-10 N/mm ²

The abovementioned values are nominal values in standardized formulas by **eile POMEX Yapı Kimyasalları**. In normal manufacturing conditions, deviations anticipated by international standards may occur.

Points to take into consideration

This product is for professional use. Read carefully security warnings on the package before use, see Material Security Information Document if necessary. Do not inhale, avoid contacting with skin and eye, do not swallow, use appropriate work safety materials. Take precautions for environment not to be polluted and fire danger. Apply it in well ventilated ambient.

Package

345 ml standard cartridge, 24 cartridges in 1 box

Storage

It should be stored in unopened original package in a cool and dry place and over +5°C and under +35°C. The product should be protected from direct sunlight.

Shelf Life

Shelf life is 12 months from production date in appropriate storage conditions.

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POMZA EKSPORT SAN. TİC. AŞ. -EİLE Ankara Asfaltı Belkahve Mevkii 476/A Kavaklıdere Köyü-Bornova-İzmir/ Türkiye 12 TS EN 1504-6 EPOXY BASED REPAIR AND ANCHORAGE MATERIAL
Chloride ion content: ≤ %0,03 Extraction strength: ≤0,2 mm Creep with tensile load effect: 0,4 mm Reaction to fire class: D-s2,d0 Glass transition temperature: ≥ 50 °C

Ironstone Planting Consumption Table

Reinforcement Diameter (mm)	Hole Diameter (mm)	Hole Depth (mm)	Necessary Material (ml)	Ironstone number to be planted (Piece)
10	14	140	11,6	30
12	16	160	15,3	22
14	18	180	20	17
16	20	200	25	14
18	22	220	30,5	11
20	24	240	37	9
22	26	260	43,2	7
24	28	280	50,4	6
26	30	300	58,2	5
28	32	320	71,5	4

The material wastage is considered 5% in calculations. Ironstone number is calculated with cartridge 345 ml.

Safety Recommendations: Please wear the coveralls, protective gloves, glasses and mask suitable for occupational health and safety. Make sure that it does not contact the skin and the eyes; in case it does, wash with plenty of water. In case swallowed, contact the closest health care institution immediately. Keep out of the reach of children. Keep food and drinks away from the application areas.

Responsibility: In case the recommendations and application conditions specified above are not conformed, the applications (misuse) do not fall under the responsibility of **POMZA EXPORT A.Ş., the producer of eile POMEX branded products.** The user is responsible for whether the product is used in accordance with its purpose, as well as the validity of application conditions and forms. **eile Pomex Construction Chemicals** does not accept any indemnity claim concerning the results, work accidents, direct or indirect damages or losses due to the misapplication of the products.

Note: **eile POMEX** reserves the right to improve/revise the product and this technical document over time. This Technical Data Sheet supersedes the former Technical Data Sheet released for this product. The user must make sure that the available technical document is the latest updated version. If necessary, our company must be contacted to inquire the updating status of the document. AUGUST 2014