REPAIR SYSTEMS · PURE ACRYLIC

Acrypatch 043

Pure acrylic latex emulsion for concrete and asphalt repair mortars

APPEARANCE
Transparent
light, hard film

39 ± 1 %	1.03 g/cm³	< 400 mPa·s	8–9	2–3 cm
Solids (EN ISO 3251)	Density (20 °C)	Viscosity (25 °C)	pH (25 °C)	Repair depth

Product description

ACRYPATCH 043 is a pure acrylic latex based emulsion, 100 % compatible with cement. It increases the chemical and mechanical resistance of concrete / asphalt repairs and of cement-based products.

Product usage

- Repair of small local areas, cracks and damaged spots up to 2–3 cm deep
- Repair mortars with cement, silica sand and water
- Additive to pre-mixed cementitious powders for chemical and mechanical resistance

Position in the system

Court / floor coating
Acrylic coating system

Repair mortar — THIS PRODUCT
ACRYPATCH 043 · repair mortar binder

Primer
ACRYLIC PRIMER 367-28 (asphalt) · AQ PRIMER 2K (concrete)

Substrate
Asphalt / concrete

Surface repair

Acrylic-modified cementitious repair mortar

Advantages

- 0 VOC
- Scratch resistant
- Excellent surface hardness
- Excellent resistance to discoloration
- Compatible with fillers
- Easy to apply
- Quick drying

Technical data (at +20 °C)

Solids	**39 ± 1 % (EN ISO 3251)**	Appearance	**Transparent, light, hard**
pH (25 °C)	**8–9 (ISO 976)**	Repair depth	**up to 2–3 cm**
Viscosity (25 °C)	**< 400 mPa·s (EN ISO 2555)**	Application temperature	**+14 °C to +35 °C**
Density (20 °C)	**1.03 g/cm³ (ISO 8962)**	Shelf life	**12 months**

unica | Boytem
BOYTEM BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ
Factory: Gümüşova OSB 1. Sk. No:4 İç Kapı No:1 Gümüşova / Düzce – TÜRKİYE
T +90 216 304 03 05 · F +90 216 304 12 15
unicaboya.com · info@unicaboya.com

Application procedure

01

Surface preparation

Clean the surface of oil, dirt, dust and other contaminants.

02

Priming

Prime asphalt with **ACRYLIC PRIMER 367-28** and concrete with **AQ PRIMER 2K** before repairing.

03

Mixing

Mix 17 kg **ACRYPATCH 043** with 70 kg silica sand (0.1–0.3 mm), 3 kg Portland cement and tap water as needed.

04

Application

Fill local damages, cracks and spots up to 2–3 cm deep with the repair mortar.

Repair mortar (by weight)



- **17 kg** — ACRYPATCH 043
- **70 kg** — Silica sand 0.1–0.3 mm
- **3 kg** — Portland cement

Add tap water as needed. Values determined in the laboratory on wearing asphalt at the recommended ratio.

Application conditions
+14 °C – +35 °C
Do not apply below +14 °C or above +35 °C.

Repair depth
up to 2–3 cm
Localised damages, cracks and spots.

Mortar
17 : 70 : 3
ACRYPATCH 043 : silica sand : cement.

Important: when added to pre-mixed cementitious powders, determine the dosage by testing on the relevant products.

Packaging

- 50 kg polyethylene bags
- 180 kg steel drums

Storage

- Store unopened in original packaging in closed, dry areas at +15…+35 °C.
- Shelf life: 12 months from production.
- Protect from sunlight and frost.

Safety

- Not hazardous; contains no formaldehyde, asbestos, mercury, lead or chromate.
- See the Material Safety Data Sheet (MSDS).

LEGAL NOTE

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved construction practices. UNICA does not make, nor does it authorise any agent or representative to make, any warranty, express or implied, concerning this material, as workmanship, weather, construction, equipment utilised and other variables affecting results are all beyond our control. UNICA warrants only that the material conforms to product specifications, and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall UNICA be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or work performed. UNICA shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.

unica | Boytem

BOYTEM BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ
Factory: Gümüşova OSB 1. Sk. No:4 İç Kapı No:1 Gümüşova / Düzce – TÜRKİYE
T +90 216 304 03 05 · F +90 216 304 12 15
unicaboya.com · info@unicaboya.com