

PatchKwik

This unique patch material is ideal for fiberglass & concrete repairs. PatchKwik will not rot or rust. UV light activated and fiberglass reinforced self-adhesive repair patch hardens in minutes.

PK-912

UV TECHNOLOGY



PK-69

PK-36

CONCAST INSTANT PATCH KIT

NO MIXING - NO MEASURING - NO MESS
EASY AS 1, 2, 3



Fibercrete®



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PatchKwik is fiberglass reinforced polyester

This simple, light activated patch may be the most versatile repair material in the world.

UV TECHNOLOGY

TECHNICAL DATA

Appearance

Sheet Laminate

Mix Ratio

One Component

Flash Point

840° F

Material Thickness

1.7 - 1.9mm

Curing Mechanism

Ultra Violet (UV) Natural or UV Lamp

Flexural Strength

>18,000 PSI - (ASTM D790-03)

Flexural Modulus

879,060 PSI - (ASTM D2344)

Tensile Strength

7970 PSI - (BS 2782-1994)

Elongation At Break

>3% (BS 2782 - 1994)

CoEff. of Thermal Expansion

2.9 10⁻⁵ Degree C (BS2782-1995)

Impact Resistance

>60 Kj/sqm (BS2782-1996)

Hardness

>60 Barcol (BS2782-1997)

Compression Strength

>29,000 PSI (BS2782-1998)

Adhesion

>500 PSI (BS2782-1999)

Water Vapour Permeability

0.28/m²/24h/mmHg (ASTM E96)

Fire Rating

Class A (ASTM E84)

Temperature Rating

-30° to +365° F

Electrical Properties

Dielectric strength: 9KV/mm as per IEC 243

Arc resistance: greater than 180 sec. as per ASTM D495

Insulation resistance: 10 to the power of 13 ohms as per IEC 93

Tracking resistance: greater than 600 volts as per IEC 112

15,432 lbs/sq. ft

PATCHKWIK FAQ

What is the shelf life of an unopened package?

1.5 years

How long does it take to cure in sunlight?

30 minutes to 1 hour

How long does it take to cure under UV lighting?

10 to 30 minutes

Will it stick to any surface?

Yes, except for polypropylene

Can PatchKwik be cut to size?

Yes

Can PatchKwik be returned back to the original pouch?

Yes

What is the shelf life of the opened pouch?

Normal shelf life (if not exposed to light).

Is PatchKwik chemically inert?

Yes

Can PatchKwik be drilled, sanded or painted

Yes

Are UV omitting fixtures (black light) an option?

Yes

Can PatchKwik be used on wet surfaces?

Not recommended

Is preparation of the surface required?

Yes, wipe with acetone. Light sanding is also an option.

What is the temperature range after cured?

-30° F to +365° F (degrees)

What sizes of PatchKwik are available?

3" x 6" * 6" x 9" * 9" x 12"

What is the maximum PSI rating?

500 PSI

Is the uncured patch flammable?

No

Are PatchKwik fumes toxic?

No

Is the PatchKwik adhesive harmful to the skin?

No, wash hands with soap and water after use.

Can multiple layers be applied?

Yes, when additional strength is required. We recommend no more than five layers at one time, letting each layer cure separately.