



PS CRACKCURE

CRACK SEALER

PS Crackcure is a clear, alkaline, spray-applied liquid designed to seal fine, hair-line cracks in concrete to leave a “blemish-free” concrete surface. Designed to seal early-age thermal cracks of 0.1mm to 0.4mm width to render them invisible.

- **PS Crackcure** acts chemically to convert un-hydrated calcium hydroxide in concrete to the more stable and harder calcium-silicate-hydrate. **PS Crackcure** will increase surface hardness to create a dust-free, concrete surface.
- **PS Crackcure** expands the surface of concrete to seal all hair-line cracks- permanently.

SUPPLIED

In a 1 litre spray bottle. **PS Crackcure** is a ready-to-use, site applied material.

APPLICATION

- Ensure the surface is dry, free from mould oil and protected from weather or other water ingress.
- Spray apply a liberal dosage of **PS Crackcure** directly onto the concrete surface, covering an area of 100mm either side of the crack.
- Wipe off all surplus liquid.
- Allow to dry.
- Using a sponge & clean drinkable quality water, wipe down each day until cracks disappear.
- Ensure adequate ventilation & drying equipment is in place to facilitate curing of **PS Crackcure**.
- Re-apply **PS Crackcure** and repeat above procedure until all cracks self-seal and become invisible.

TECHNICAL DATA

- **PS Crackcure** is a clear, alkaline, non-toxic liquid of the same viscosity as water.
- **PS Crackcure** is a specially-formulated crack sealer for early-age thermal cracks on the surface of concrete.
- **PS Crackcure** is particularly useful for fine, surface cracks in all concrete structures.
- **PS Crackcure** has the same, high pH value as concrete and will enhance the properties of concrete to passify steel reinforcement and inhibit corrosion of steel.
- **PS Crackcure** will provide a dust-free, abrasion-resistant, concrete surface.

USES

- **PS Crackcure** will seal all fine surface cracks in concrete walls and slabs. It is especially suitable in sealing early-age thermal cracks which represent 90% of all cracks in concrete structures.
- **PS Crackcure**, if used on floor slabs, will provide a dust-free, abrasion-resistant concrete surface as well as healing any fine, surface cracks-due to rapid drying.



PRODUCT DATA SHEET

HEALTH & SAFETY

This product is NOT classified as dangerous. **PS Crackcure** is a dilute alkali and therefore contact with eyes, skin and clothes should be avoided and the usual procedures for handling all chemicals should be followed.

SAFETY PHRASES

S1/2: keep locked up and out of reach of children

S3/7: keep container tightly closed in a cool place.

S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27/28: after contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

S36/37/39: wear suitable protective clothing, gloves and eye/face protection.

NOTE

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

RECOMMENDATIONS

Use **PS Crackcure** in dry, well-ventilated areas.

Re-apply after 48 hours if necessary.

If **PS Crackcure** does not cure and seal the cracks, notify David Ball Group Plc for further advice and assistance.

INSURANCE & WARRANTY

The use of David Ball Group's **PS Crackcure** complies with the requirements of David Ball Group's warranty. **PS Crackcure** will, under normal use, provide an additional protective measure for all structures in high-exposed-class-environments.

FINISHES

PS Crackcure will not adversely affect the use of subsequent coatings.

After the chemically-bonded reaction of **PS Crackcure** with the concrete structure, the surface will be suitable for coatings and paints. The use of **PS Crackcure** will reduce surface "blisters" caused by moisture movement of hydration-moisture to the surface.