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**A guarantee of genuineness.**

The trademark is registered and protected by law and may be used only for paint containing pigment from the Falun mine.

## Falun Red Paint, not only in red

*Falun Red Paint is produced in five basic colours: Falun Red, Falun Light Red, Falun Black, Falun Ochre and Falun Terra. All of them are made of the same rare fines from the Falun copper mine. The five attractive classics can also readily be mixed. Regardless of the colour, all Falun Red Paint is an exterior paint that has an attractive matt surface and a range of unique properties.*

**Falun Red Paint lasts 10 to 15 years.** Falun Red Paint protects your house longer than most exterior house paints. It has a lifespan of between 10 and 15 years, depending on weather conditions. The binder of the paint consists of starch adhesive reinforced with linseed oil, which together bind a protective layer of pigment to the rough wood surface.

**Falun Red Paint has a proven 400-year history.** The pigment in the Falun copper mine has a unique mineral composition. This includes iron ochre, silicon dioxide, copper and zinc, all of which help preserve and protect the wood.

**Falun Red Paint allows the wood to breathe.** Falun Red Paint does not form a tight seal, as do many oil-based and acrylic latex paints. Moisture and water vapour are allowed to migrate freely through the paint coat, which reduces the risk of rotting.

**Falun Red Paint does not peel.** The binder in Falun Red Paint consists of a starch adhesive, reinforced with linseed oil. After about 10 years, the binder begins to degrade and the pigment grains work loose from the surface. This process is called "chalking" and shows that it is time for a new coat of paint.

**Falun Red Paint repels dirt and grime.** The "chalking" process that occurs once the paint begins to age can be perceived as a disadvantage, yet it is actually one of the Falun Red Paint's great advantages. Above all, it simplifies repainting. In addition, dirt and grime disappear in the process, and even old surfaces appear clean.

**Falun Red Paint stays colour-true.** Unlike most modern red paints made of synthetic or natural pigments that are sensitive to ultraviolet light, the inorganic pigment from the Falun copper mine stays colour-true.

**Falun Red Paint is easy to apply and even easier to maintain.** Falun Red Paint can be applied directly to unplanned and untreated timber, without preparatory work. When it's time for a new coat, simply brush off loose pigment and dirt with a steel brush, followed by brushing with a soft broom, and then repaint. The paint can be applied with a brush or by spraying. Brushes and tools can be cleaned with water.

**Falun Red Paint is economical.** All comparisons with newer exterior paints show that Falun Red Paint is highly cost-effective. And it goes a long way, especially when repainting. It is easy to work with, provides excellent coverage and gives long-lasting protection.

**Falun Red Paint is fire-retardant.** Recent studies show that Falun Red Paint is not as inflammable as other exterior paints.

**Falun Red Paint has a lower environmental impact.** Despite the fact that the red pigment contains minerals from the Falun copper mine, the environmental impact is lower compared to all modern exterior paints. Falun Red Paint is water-based and contains no solvents.

**S5040-Y80R IS THE NCS CODE FOR CLASSIC FALUN RED.** THIS DENOTES A COLOUR WITH 50% BLACK, 40% STRENGTH AND YELLOW WITH 80% RED. IF THE SAME ANALYSIS IS APPLIED TO A LEAF, WE CAN SEE THAT FALUN RED IS A CONTRAST COLOUR TO CHLOROPHYLL GREEN, BUT WITH ALMOST EXACTLY THE SAME SHADE. THIS EXPLAINS WHY FALUN RED IS AN ESPECIALLY HARMONIOUS COMPLEMENT TO OTHER COLOURS FOUND IN NATURE, DESPITE A VAST DIFFERENCE IN COLOUR TONE.

**Technical description:** Binder: starch adhesive (wheat) reinforced with linseed oil. Preservative: ferric sulphate. Solvent: water. Drying time: approx. 1 hour. Covering capacity: approx. 3m<sup>2</sup>/litre. Gloss: fully matt. Container sizes available: 5, 10, 15 litre. **Falun Red** Pigment content: brush application 18%, spray painting 15%. Linseed oil content: 8%. NCS: S 5040-Y80R. **Falun Light Red** Pigment content: 20%. Linseed oil content: 6%. NCS: S 5040-Y70R. **Falun Light Red without linseed oil** Pigment content: 20%. NCS: S 4550-Y70R. **Falun Black** Pigment content: 20%. Linseed oil content: 8%. NCS: S 8500-N. **Falun Terra** Pigment content: 20%. Linseed oil content: 8%. NCS: S 7020-Y50R. **Falun Ochre** Pigment content: 19%. Linseed oil content: 4%. NCS: S 4050-Y20R. Note: Light distempers such as Falun Ochre require more frequent maintenance than darker colours. **Falun Red Paint Powder** Pigment: Falun Red Paint pigment. Binder: Starch and cellulose glue. The cartons each contain 5 kg of powder, which is sufficient to yield about 20 litres of paint. Mix with water, linseed oil and liquid soap. Colours available are Falun Red, Falun Light Red and Falun Black.

# Painting advice

Always read the painting instructions on the packaging. Check that the trademark is there. This is a guarantee that you are using Falun Red Paint with pigment from the Falun copper mine. There are other types of similar red paints that are made with other pigments and binders and that therefore do not have the same properties as the genuine product.

**Can any surface be painted?** Falun Red paint is used for exterior surfaces of untreated and unplanned timber and for the repainting of previously distempered surfaces. New prefabricated houses can be painted with Falun Red Paint if the façade is delivered unprimed or primed with distemper. The paint will not adhere to surfaces previously painted or primed with oil-based or acrylic latex paints. So it is essential to choose the appropriate type of paint right from the start.

**First coat.** The untreated timber should be primed once with Falun Red Paint diluted with 10 - 20% water. Follow with one coat of undiluted paint after at least 24 hours. Alternatively, the timber may be painted directly with undiluted Falun Red Paint, without the priming coat. In that case, repaint the surface after about 2 years.

**Repainting.** When repainting, it is usually sufficient to remove loose dirt and grime with a brush (preferably a steel brush) or high-pressure water spray. Once the surface has dried, apply one coat of undiluted Falun Red Paint.

**Painting with brush or spray gun.** The paint may be applied with a brush or spray gun. Falun Red Paint is available with different formulations, depending on the method used.

**Weather conditions when painting.** Do not apply Falun Red Paint to surfaces exposed to strong sunlight or to wet surfaces (the moisture content of the wood should be less than 15% - consult your timber supplier). Avoid painting if the air temperature is below 5°C or if there is risk of night frost.

**Caution. Store paint in a frost-free location.** Distemper paints are water based and must not be exposed to frost.

**Falun Red Paint Powder.** Falun Red Paint is also available in powder form. Just add water, linseed oil and a little liquid soap. The paint in powder form has the same good properties as ready-mixed paint but has a long shelf life, does not need frost-free storage and is easy to transport. The paint powder is available in Falun Red, Falun Light Red and Falun Black colours.

**What you will need:** Whitewash brush or paint spray gun. A low-pressure spray gun with a 2 - 2.5 mm nozzle or a high-pressure spray gun using a pressure of 10 - 20 kg/cm<sup>2</sup> and with a 1 - 1.2 mm nozzle can be used for spray painting. Masking paper or plastic sheeting. Water and detergent for cleaning brushes and removing paint splashes.

## 1 Preparatory work

**Use paper or plastic sheeting** to cover areas that are not to be painted. Cover foundations, rainwater drain-pipes and windows with paper or plastic sheeting. Leave the protection in place for a few days to enable the paint to dry thoroughly.

**Before repainting, brush or wash the timber.** Use a steel brush to remove loose paint. Then brush the whole surface with a soft brush or broom. A facemask is recommended, since the conditions may be dusty. Old paint can also be removed with a high-pressure washer, but avoid very high pressure since the timber may be damaged. If there is risk of mould spores, the timber should be treated with a mould-inhibiting agent.

## 2 Painting

**Stir the paint as necessary.**

**New timber can be primed or painted directly.** New timber may be primed once with Falun Red Paint diluted with 10 - 20% water. Finish with one coat of undiluted paint after at least 24 hours. You can also paint directly with undiluted paint. The surface should then be repainted after about 2 years.

**Apply the paint with a brush or spray gun.** Apply a thin coat of paint using a whitewash brush, or spray the paint on in accordance with the manufacturer's directions.

**When changing from one batch of paint to another,** start the new batch around the corner of the house. The colour may vary slightly from one pigment roasting to the next.

**Paint may not adhere** to nail heads and timber knots after only one coat, but will be covered when repainting.

**Paint the timber ends** with Falun Red Paint for protection.

## 3 Drying time

**Falun Red Paint dries in about 1 hour.** However, keep the masking sheets on windows and foundations for a few days as protective measure, since heavy rains may cause the paint to run and stain unprotected areas.

For further advice and information, please contact  
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