

BLACK HYDRO

**BLACK LIQUID WATERPROOFING ADMIXTURE,
USED AS A MARKER FOR ALL TYPES OF
FOUNDATIONS, DAMP PROOF COURSES AND
BURIED STRUCTURES**

7 good reasons for using BLACK HYDRO

1. Provides perfectly uniform coverage and very effective **damp proofing** of render and mortar compounds, thereby increasing resistance to **freeze/thaw cycles**.
2. BLACK HYDRO renders the mixture water repellent and **coloured**. It may be used as a **marker**, to show the area treated.
3. As BLACK HYDRO is liquid, once added to the mixing water it mixes in perfectly.
4. Additive with no noticeable effect on the hardening and resistance of concrete.
5. The black marker used is more than 70% **biodegradable** within 28 days (OECD 303A).
6. Has a plasticizing and water reduction secondary effect.
7. Can be used in all constructions particularly exposed to bad weather, fresh, salt or industrial water, or calcium sulphate.

Particularly suitable for use in



Construction

With BLACK HYDRO, we can make waterproof concrete and mortar under water pressure according to D.T.U. (french standard Document Technique Unifié : standardised technical document): All types of foundations, damp proof courses, buried constructions, basins, concrete aprons, canals, industrial premises, reservoirs, cellars, swimming pools, food tanks, water treatment plants, masonry joints, facades, waterproof screeds.

Characteristics	Instructions for use
<p>Composition : Non-chlorinated additive Appearance: Liquid Colour: black pH : 10 Density: 1 g/cm³ Temperature limits for application: + 5°C to + 30°C Solubility and tool cleaning: Water</p> <p>PRECAUTIONS AND SAFETY WARNINGS Stir before use in case of prolonged storage. If BLACK HYDRO freezes, it will return to its normal state once thawed (bring the product back up to a temperature of 20°C) and check that the product is uniform mixed. Do not use with over sulphated or aluminous cement. Avoid prolonged mixing. Do not use with a hardening accelerator. The black tint can fade over time but this does not affect the water waterproof qualities of the mortar.</p> <p>For more information, see MSDS.</p>	<p><u>1 - Instructions for use</u> We recommend that you always shake before use. Add BLACK HYDRO to the mixing water in a proportion of 3 % of the weight of the cement that is 1l for a 35 kg bag of cement. The mixing water is reduced by about 5 % to 10 % in comparison to a non waterproofed concrete. For mortars, the sand should be clean with a grain size of up to 5 mm. The dosage for cement must not be less than 300 kg per m³ (in accordance with French standard 'DTU 26.1' (<i>standardised technical document</i>)). Most cements are compatible with BLACK HYDRO, but we recommend carrying out preliminary tests for special cements.</p> <p><u>2 - Application</u> Pour BLACK HYDRO into the mixing water. Add the mixture of cement and aggregates and mix until a uniform consistency is achieved. Mortar containing BLACK HYDRO is applied in the traditional manner by projection or manually. The fill cannot be used until the render is dry (for use in foundations).</p> <p><u>3 - Quantity</u> 3 % of the weight of the cement, that is 1l per 35 kg bag of cement.</p> <p><u>4 - Finish</u> BLACK HYDRO doesn't modify the keyed surface of future coatings: render, plaster, roughcast and paint...</p> <p><i>Storage and shelf life</i>: 24 months in original closed packaging, protected from frost.</p>

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MONOCOL: Mastic glue for assembling

Our cardboard packaging is recyclable and is manufactured according to FSC Forest-friendly guidelines. Our plastics are easily recyclable. This datasheet supersedes previous documents. The information contained in these data sheets is based on our present knowledge and experience and is given as indication only. Under no circumstances does it engage our responsibility in the event of misuse of our products. Non contractual photos and images.



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