

NEW
with improved
formulation!

Product Information Sheet



Shell Tixophalte wet

Tixophalte wet is a professional bituminous adhesive and sealant with permanent flexibility giving superior adhesion.

- Cold applicable, ready for use.
- Adheres and seals under many different conditions.
- Very flexible, even when cold.
- Excellent adhesion to bituminous materials, concrete, metals, glass and most plastics.
- Sticks to wet substrates (even under water).
- Non-toxic.

Applications

- Sealing leaks and making repairs, even on wet surfaces.
- Adhesives for all types of roofing felts, including APP- and SBS-modified membranes.
- Waterproof finishing of overlaps, connections and joints of roof edges, chimneys, light domes and bushings for exhaust pipes.
- Fixing rain water drain systems onto the roof.
- Connection of damp courses and other waterproofing wall details (e.g. inner-walls).
- Fixing overlaps of roofing felt at rising outer walls.
- Temporary remedial or repair of plumbing.
- Applications where Tixophalte wet comes into contact with (mineral) oil products are not recommended. These components can dissolve the bitumen.
- All possible situations where adhesion, sealing, joint filling of common building materials is required. Develop your own new application by having Tixophalte wet at hand during your (building) activities.



Shell Bitumen

Shell Tixophalte wet



Properties

- Direct application (without heating).
- Applicable from +5°C to +40°C.
- Various handy packaging for easy use.
- Easy application combined with excellent flow resistance.
- Protects against rust and humidity.
- Stable at -35 to +110°C, (depending on load conditions).
- Non-toxic.
- Contains a flammable solvent.
- Colour: black.

Composition

Tixophalte wet is a plasto-elastic, neutral hardening mastic, based on a (thixotropic) high-quality modified bitumen/rubber composition and contains additives, filler and a non-toxic and flammable solvent.

Remarks

Application: Tixophalte wet can be applied at temperatures between +5°C and +40°C.

It is recommended to have surfaces clean, dry, free of dust, grease and unbound particles. For certain applications, in particular on porous substrates, it is recommended to use a (bituminous) primer. Prior to application adhesion tests are recommended.

Tixophalte wet can be applied with a hand or a compressed airgun. Using the cartridge, the aluminium seal in the front screw hole has to be completely opened. The screw spout has to be cut slantwise so that it has the size of the desired band of Tixophalte wet. A clean spout is important for a uniform dose and a smooth finish.

In order to obtain adequate adhesion on a wet substrate, it is important that the distance between substrate and spout is as small as possible and not more than 3 mm, so that the initial adhesion is obtained by displacing the water.

When compressed-air guns are used, the piston and the cylinder have to be greased properly. Tixophalte wet must be applied in strips or spotwise, so that the solvent is able to evaporate easily. Ensure that there is adequate ventilation during use.

The curing rate is influenced by factors such as temperature, type of substrate, absorbency behaviour of the materials and the applied layer-thickness of Tixophalte wet. Immediately after applying Tixophalte wet, the adhesion is sufficient to resist a low load. Maximum strength is obtained after curing by evaporation of the solvent. The final adhesive strength is strongly dependant of the type and nature of the bond.

Usage: When bonding insulation material or roofing felt with for instance 5 strips by 4 cm width, the consumption is minimum 400 gr/m² (depending on the substrate). This can be increased at the corners and edges of the roof.

Cleaning advice: Tixophalte wet can be mechanically removed (e.g. with a palette knife). Finally the residue of Tixophalte wet can be cleaned by dissolving in an hydrocarbon solvent (white-spirit).

Compatibility: Tixophalte wet can be used for bonding plastics without plasticisers. With light coloured plastics use of Tixophalte wet may cause staining. Contact with mineral oil, (gasoline, kerosine, gas oil) softens the product.

Compatibility with extruded polystyrene

can vary. In this case, Tixophalte wet is best applied on the substrate. After a while the boards can be adhered. Avoid making the Tixophalte layers too thick.

Tixophalte wet does not tolerate solvent based paint.

Primer

If a primer or a pre-treatment is recommended, in most cases the use of Primer BL1 will suffice. Best results will be obtained when Cariphalte CP is used. In case of any doubt please ask for advice from your supplier or from Shell.

Packing

Tixophalte wet is supplied in:

- 310 ml aluminium cartridges for use in standard sealant guns.
- 1.4 and 2.8 litre sausages for compressed-air guns (resp. 1.5 and 3 litre gunsizes).
- 5 and 15 litre tins.
- 15 litre tins.
- 180 litre drums.

Storage

Storage life is at least 12 months in unopened packing and when kept cool, dry and frost-free.

Safety: For safety information consult the product safety data sheet.

Typical properties

Colour	black
Consistency	paste
Specific gravity at 20°C	1.3 g/cm ³
Curing time (depends on substrate)	ca. 4 weeks
Skin forming after	ca 2 hrs
Flow resistance (14 days, 1.5mm)	>90°C
Dripping point	200°C
Wind loading (at recommended application rate)	1800 Pa

This product information sheet provides you with the typical properties of Tixophalte wet. If you would like further details please contact us. We would be delighted to assist.
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