

Nutech Shingle Coat

Fact Sheet



Description

Timber roofs have been in use around the world for more than two thousand years. However, maintaining these roofs and retaining the natural beauty of wood is difficult for homeowners.

Nutech Shingle Coat is a natural water based coating designed to penetrate deeply, repel water, enhance the natural beauty of timber roofing shingles and shakes and be environmentally responsible and durable. Shingle Coat is designed for use on quality exterior timber such as Cedar, Cypress, Treated Pine and Oregon.

Typical Properties

Appearance:	Golden liquid, aromatic odour
Total Solids Content:	<30%
Per Cent Volatiles:	N/A
S.G.:	1.0
Solubility In Water:	Soluble
Minimum Film Forming Temperature:	50°F.
Flammability:	Not Flammable
Recommended Application Rate:	One saturation coat @ 165 square feet per Gallon

Application & Features

Nutech Shingle Coat is a penetrating solution which prevents wood from cracking or peeling. The wood is allowed to "breathe" so that any excess moisture in the wood can escape naturally without causing surface damage, coating delamination or other problems. Shingle Coat is manufactured from longer-lasting oils, resins and waxes. This coating system creates a network of protected wood fibres deep into the surface of the wood creating a totally water repellent system.

Shingle Coat is a worker safe water borne oil based finish. The product cleans up with soap and water. It may be applied to dry, or even damp or unseasoned wood with high moisture content. Shingle Coat is good for the environment as it is non toxic, non flammable and ultra low VOC.

Shingle Coat is deep penetrating and does not peel, crack or blister like traditional wood protectors. As part of regular maintenance, simply reapply a new coat directly onto the wood surface - no need for sanding or refinishing (normal cleaning is recommended).

The natural beauty of wood is protected and enhanced with Shingle Coat. Homeowners and contractors alike can be confident that the Nutech system will stand the test of time. Easy to apply and easy to maintain, projects protected by Nutech coatings will be admired and appreciated for years to come.

Coating Specification

1. Repair and replace any damaged structural timbers, metal valleys and flashing.
2. Carefully pressure water clean the surface using a 2000 Psi water blaster.
3. Check and replace all curled, broken or holed shingles.
4. On new timber pressure wash to remove mill glaze for maximum penetration.
5. Wash down with Nutech Timber Prep. Timber Prep cleans and brightens weathered and oxidized grey timber, enhances the appearance and natural color of the timber and assists penetration of the new Coating.
6. Apply one flood coat of Shingle Coat @ 165 square feet per Gallon (1 litre per 4 square metres). Shingle Coat is a water based penetrating oil that has a golden oil color.
7. Apply a second lighter coat of Shingle Coat @ 330 square feet per Gallon (1 litre per 8 square metres).



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Subject to exposure conditions and the specific location, the durability of this system varies from 3 years to 10 years before re-treatment is required subject to the surface condition and other location and structural factors.

Application

Apply by brush, roller or spray. Do not apply in temperatures below 60°F (15°C) or above 80°F (28°C). The final appearance will take 3 to 5 weeks as the coating cures. Airless spray application is recommended using a 315 spray tip @ 1000-1400 Psi. pressure. Wash off any overspray with soap and water before it dries. Back brushing will ensure a more consistent and uniform coverage.

Drying Time

Shingle Coat is slow drying 12-24 hours @ 70°F (20°C). The first coat may be slower to dry due to the extractives in the wood.

Coverage

Coverage will vary depending on the porosity of the timber. Per coat old wooden shingles may use up to 1 Gallon per 40 square feet (1 litre per square metre) and new timber up to 1 gallon per 280 square feet (7 square metres). This is a penetrating saturation finish, not a surface coating.

Recoating

When the surface requires re-coating, hose and dust off any dirt, apply one coat. Touching up weathered areas as they occur will keep your timber looking good for years.

Clean Up

Wash brushes and tools in soap and water.

Important Application and Usage Warnings

Do not apply multiple coats on the same day particularly in cold wet weather as damage to the coating may result.

Keep out of reach of children. Avoid breathing spray mist.

Refer to Nutech Material Safety Data Sheet for additional safety and user information before using or opening the container.

Important Note

The information given on this data sheet is based on many years experience and is correct to the best of our knowledge. However since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.



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