

EAM

Enterprise Asset Management for Minera Skifer - Oppdal, Offerdal and Otta

- Producer:** Minera Skifer AS
- Product:** Slabs of quartzite schist from Minera Skifer Oppdal and Offerdal and Otta phyllite schist for kitchen tops and similar application.
- Dimensions:** All dimensions for purposes mentioned above.
- Edges:** Sawn, broken, honed or profiled edges.
- Surfaces:** Oppdal: Natural, antique brushed, silk brushed and honed.
Offerdal: Natural and honed.
Otta: Natural, brushed or honed.



ROCK TYPES

The **Oppdal-** and **Offerdal quartzitic flagstones** are metamorphic rocks originated from sandstones. Their mineral content is dominated by quartz, feldspars and micas. The rocks are characterized by a plane parallel thin continuous foliation, a structure that enables the rock to be cleaved into slabs with a so called natural cleft surface.

The **Otta phyllite** is a metamorphic rock derived from mainly clayey deposits. Main minerals comprise quartz, feldspars and micas with minor minerals garnet and amphibole. There are also some trace iron oxides and sulphides to be found in the rock. Especially the sulphides are responsive to its environment, and will alter or rust, leaving a patina on both natural cleaved and machine worked surfaces.

ALTERNATIVE PRODUCTS FOR PROTECTIVE TREATMENT, REGULAR CLEANING AND REMOVAL OF OIL AND GREASE STAINS

For protection treatment and stain removal products designed for natural stone must be used. As protective treatment a natural soap with a high content of fat, acrylic based or on the basis of silicone can be used. Most common product for impregnation of kitchen tops is silicone based products. Manufacturers like Akemi, Steinfix, Fila and Surfapora have products suitable for natural stone. For removal of stains different products can be used depending on what kind of stain shall be removed. Manufacturers, dealers and Minera Skifer can advise.

PROTECTION/IMPREGNATION OF BENCH TOPS

Application of impregnation makes the regular cleaning easier and gives the surface a grease- and oilrepellant effect. Even if the stone is impregnated some ingredients can penetrate into the surface if it is not being removed within reasonable time. The stone must be cleaned, rinsed with clean water and it must be dry before applying the impregnation. Under floor heating must be switched off and direct sunshine must be avoided. The whole surface must be kept wet as long time as recommended by the producer. Any excess which has not been absorbed by the stone has to be removed with a suitable cloth. The water repellant effect develops after some hours. Follow instructions from manufacturer to determine when the floor can be used.

INSTALLATION - FLEXIBLE JOINTS

For installation of bench tops flexible joints designed for natural stone must be used. Ordinary building silicone will discolor the stone.

MAINTENANCE - REGULAR CLEANING

For regular cleaning a wet cloth is normally used. Chemicals for maintenance can be used. Follow instruction from manufacturer. A stone cleaner can be used for periodic maintenance. Periodic maintenance can be done once or several times a year. The stone is scrubbed with a high concentrated stone cleaner. After rinse thoroughly with water and drying new impregnation can be applied again.