White Rust Statement

White rust on steel coils and profiles is a type of corrosion that typically appears as a white, powdery deposit on the steel surface. It is usually caused by the presence of moisture and oxygen, combined with other environmental factors. There are several aspects of white rust that are important to understand:

1. **Cause**: White rust typically forms when steel reacts with moist air, especially when the steel comes into contact with water vapor or condensation. This can result in the formation of iron hydroxide, a white substance.
2. **Symptoms**: White patches or a powdery layer appearing on the steel surface. This can affect the appearance of the coils.
3. **Effects on Steel**: White rust does not weaken the steel itself.
4. **Prevention**: To prevent white rust, it is recommended to transport and store steel coils and profiles in dry and well-ventilated conditions, especially in humid environments.

KS Systems takes all necessary measures to prevent white rust. We pack, transport, store and ventilate steel coils and profiles with the utmost care to prevent white rust. Unfortunately we cannot guarantee that white rust will not appear. Natural weather influences (primarily humidity and temperature changes during winter time) may from time to time result in some white rust on coil material and profiles.

If white rust has formed on steel coils it gets noticed during the slitting process when we de-coil the material. As we typically slit the material shortly before starting the profiling process we will have passed the point of no return. We will remove excessive white rust patches where possible, but will have to process the material resulting in white rust on the profiles.

Should white rust not be acceptable to your project requirements please inform us at the point of ordering. We can discuss using special treatments (oiling for instance) that minimize potential forming of white rust. We do not use these treatments as general provision as they may cause other negative side effects.