

## **HARD XPL ( lithium-potassium) and HARD XP (potassium)**

### **Questions and answers**

#### **1. Are pure LITHIUM silicates Ultralit Hard Standard, Ultralit Hard Premium, Ultralit Hard Eco still available?**

- Available as always directly from stock and without delay.

#### **2. What is the main difference between XPL lithium potassium silicates and XP pure potassium silicates?**

- The main difference between HARD XPL and HARD XP is that the lithium molecule is much smaller than the potassium molecule, therefore silicates with the XPL lithium content penetrate deeper into hard surfaces (polished concrete or dry shake floor for example). The XP potassium product is more suitable for old not very dense surfaces and rough concrete.

#### **3. Do the new XPL and XP densifiers create a film on fresh concrete in order for the concrete to mature? Can new products be used as curing agents to prevent the concrete from drying out too quickly?**

- At temperatures from +1°C to +12°C, some contractors apply these products as curing agents. The chemical reaction of the top layer of concrete with the product makes it possible to slow down the water evaporation process and harden the surface. But this is not always enough at high temperatures and/or under direct sunlight. For guaranteed surface protection choose ULTRALIT HARD CURE.

#### **4. For concrete after rough grinding, milling or shot blasting to remove dust and strengthen the cement component of concrete, which product should I choose?**

-Both XPL and XP products will fit perfectly. However, the combined XPL product may be more durable and protect surface longer. But pure potassium XP is cheaper and can always be reapplied after a while.

#### **5. What is the best product to apply when polishing concrete?**

- Here we can definitely say that after 100, 200 or 400 grit polishing, the best solution would be a hybrid XPL product. Pure potassium XP can be applied to grinded concrete without polishing.

Your questions please send us [info@ultralit.eu](mailto:info@ultralit.eu)

## **6. Can two products be mixed?**

- We do not recommend doing this. The proportions of the ready-to-use products are very important in order to maintain a uniform color and surface strength.

## **7. Is it possible to add water to products?**

- We do not recommend doing this. By adding water, you will change the percentage of active substances which will change the performance of chemical reaction and quality of the surface.

## **8. What is the minimum time after which products can be applied to fresh concrete?**

- We recommend applying XPL and XP products when the surface can be troweled or walked on. This is usually between 8 and 36 hours depending on concrete characteristics and drying conditions. It is necessary to ensure that there are no puddles during application. Too big coverage rate can provoke an uneven surface color and light spots.

## **9. When applying on 100 or 200 grit polished concrete, how long do you have to wait to continue polishing with the next grade of tools?**

- Concrete must be wet after application of the product for at least 10-15 minutes. If the concrete dries faster, the application of the product must be repeated. You can continue polishing the surface not earlier than 1 hour after the visual drying of the surface.

## **10. Does the concrete change color after the products have been applied?**

When applied correctly, both products may slightly change the color of the surface. Fresh concrete will usually lighten as it dries. And the old concrete, on the contrary, slightly darkens. But color changes are usually very slight.

## **11. How the products are packaged?**

1000L IBC , 200L barrel ,30L,20L,5L canister

## **12. Is it possible to buy concentrates?**

Yes, but in 1000L IBC, 200L barrel only