

Ultralit[®]

HARD • HARDER • MORE HARDER

Densifiers, Sealers, Repair materials, Cleaners

for concrete floors



ULTRALIT

ULTRALIT Dragan Anna Roguska was established in 2012. The mission of the company is to develop and provide products of the highest quality for concrete flooring and polished concrete industry. Nowadays Ultralit is available in 32 countries on every continent.

ULTRALIT is an advanced nanotechnology in concrete floors hardening and polishing. Polished concrete flooring becomes more and more popular these days. Using the most advanced designs and innovations of chemical laboratories of USA and EU countries, constantly pursuing laboratory research and testing in practice, we are proud to present our products under ULTRALIT trade mark for anyone who works with concrete flooring and polished concrete floors.





Ultralit®















- unique products with the highest lithium content in the industry
- highest level of hardening of the surface in comparison with other products
- best durability of the surface during operation
- most effective cost in the industry per 1m² of treated area
- outstanding technical support of our customers anywhere in the world



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		Recycling		Application - spray + mop		Interior use
		Application temperature		Application - other		Exterior use
		Shine level		Surface material		Hydrophobic
		Application - roller		Penetrating material		Green product
						CE certificate



DENSIFIERS

Packaging
5 l
20 l
30 l
200 l
1000 l



ULTRALIT HARD PREMIUM



Ultralite Hard Premium is a lithium-based hardener used for hardening and dustproofing of new or existing concrete floors. The main component of the product – active lithium reacts with components of concrete and forms insoluble hydrated calcium silicate (CSH) compounds which improve surface hardness, reduce dusting, facilitate maintenance of concrete floors. Due to the fact that chemical reaction of silicate and components of concrete occurs in upper layer of concrete, protection provided by **ULTRALIT HARD PREMIUM** is more durable compared to traditional surface coats and sealers, as it never flakes or peels off and is not prone to humidity.

- The highest contents of lithium in the industry – up to 18%
- Active components: 100% of dry solids in total
- Quick hardening and protection against dusting – days rather than months
- Can be used on concrete of any age
- Excellent penetration capacity: up to 8mm on trowelled concrete
- Increases resistance to abrasion up to 50%
- Does not contribute to neither alkali-silica reaction (ASR) nor cracking
- Environmentally-friendly and safe water-based product containing no VOCs

ESTIMATED COVERAGE RATES

- Freshly placed uncured concrete: 15-25 m²/l (40-65 ml/m²)
- Steel troweled cured concrete: 10-15 m²/l (65-100 ml/m²)
- Cured honed / polished concrete: 10-20 m²/l (50-100 ml/m²)

ULTRALIT HARD STANDARD



Ultralite Hard Standard is a lithium-based hardener used for hardening and dustproofing of new or existing concrete floors. The main component of the product – active lithium reacts with components of concrete and forms insoluble hydrated calcium silicate (CSH) compounds which improve surface hardness, reduce dusting, facilitate maintenance of concrete floors. Due to the fact that chemical reaction of silicate and components of concrete occurs in upper layer of concrete, protection provided by **ULTRALIT HARD STANDARD** is more durable compared to traditional surface coats and sealers, as it never flakes or peels off and is not prone to humidity.

- The highest contents of lithium in the industry – up to 11%
- Active components: 100% of dry solids in total
- Quick hardening and protection against dusting – days rather than months
- Can be used on concrete of any age
- Excellent penetration capacity: up to 8mm on trowelled concrete
- Increases resistance to abrasion up to 40%
- Does not contribute to neither alkali-silica reaction (ASR) nor cracking
- Environmentally-friendly and safe water-based product containing no VOCs

ESTIMATED COVERAGE RATES

- Freshly placed uncured concrete: 15-20 m²/l (50-65 ml/m²)
- Steel troweled cured concrete: 10-12 m²/l (85-100 ml/m²)
- Cured honed / polished concrete: 10-15 m²/l (65-100 ml/m²)

ULTRALIT HARD ECO



Ultralite Hard Eco is a lithium-based hardener used for hardening and dustproofing of new or existing concrete floors. The main component of the product – active lithium reacts with components of concrete and forms insoluble hydrated calcium silicate (CSH) compounds which improve surface hardness, reduce dusting, facilitate maintenance of concrete floors. Due to the fact that chemical reaction of silicate and components of concrete occurs in upper layer of concrete, protection provided by **ULTRALIT HARD ECO** is more durable compared to traditional surface coats and sealers, as it never flakes or peels off and is not prone to humidity.

- The highest contents of lithium in the industry – up to 8%
- Active components: 100% of dry solids in total
- Quick hardening and protection against dusting – days rather than months
- Can be used on concrete of any age
- Excellent penetration capacity: up to 8mm on trowelled concrete
- Increases resistance to abrasion up to 30%
- Does not contribute to neither alkali-silica reaction (ASR) nor cracking
- Environmentally-friendly and safe water-based product containing no VOCs

ESTIMATED COVERAGE RATES

- Freshly placed uncured concrete: 15-20 m²/l (50-65 ml/m²)
- Steel troweled cured concrete: 10-12 m²/l (85-100 ml/m²)
- Cured honed / polished concrete: 10-15 m²/l (65-100 ml/m²)

DENSIFIERS

Packaging
5 l
20 l
30 l
200 l
1000 l



ULTRALIT HARD EXTRA concentrate

Ultralite Hard Extra is a water-based ultra-high solid lithium densifier used to densify, harden, dustproof new or existing concrete floors. Active lithium content of the product comes into chemical reaction with concrete components and form insoluble calcium silicate hydrate (CSH) that increases surface hardness, reduces dusting, makes maintenance of the floor easy. As the silicate-concrete chemical reaction is formed internally in upper layer of concrete, the protection of **ULTRALIT HARD EXTRA** is much more durable than traditional surface coatings and sealers, it will never peel or debond and is unaffected by moisture.

- Highest lithium content in the industry – up to 24%
- Active ingredients: 100% of total solids
- Fast hardening and dustproofing – days instead of months
- Can be applied to concrete of any age
- Increases abrasion resistance by 30-60%
- Does not contribute to surface ASR or promote crazing
- Absolutely “GREEN” and Planet Safe, water based, no VOCs

ESTIMATED COVERAGE RATES

Ultralite Hard Extra should be diluted by distilled water to get a necessary concentration of ready-to-use mix. Coverage rate depends on the mix proportions.

ULTRALIT HARD CURE



Ultralite Hard Cure is a water-based 2 in 1 product which acts as a curing agent and at the same time as high solid lithium densifier used to cure, densify, harden, dustproof new or existing concrete floors. Film-forming polymer content protects the fresh concrete from fast water evaporation and later on keeps the concrete safe from staining. Active lithium content comes into chemical reaction with concrete components and form insoluble calcium silicate hydrate (CSH) that increases surface hardness, reduces dusting, makes maintenance of the floor easy.

- 2 in 1: curing and hardening at the same time
- High active content – 17.5%
- Fast hardening and dustproofing – days instead of months
- Increases abrasion resistance by up to 40%
- Does not contribute to surface ASR or promote crazing
- Good stain and water resistance
- Absolutely “GREEN” and Planet Safe, water based

ESTIMATED COVERAGE RATES

- Freshly placed concrete: 7-13 m²/l (70-130 ml/m²)
- Steel troweled old concrete: 5-10 m²/l (100-200 ml/m²)
- Polished concrete: 10-20 m²/l (50-100 ml/m²)

ULTRALIT HARD FRESH



Ultralite Hard Fresh is a water-based 2 in 1 product which acts as a finishing aid to fresh concrete during smoothing and at the same time as densifier used to cure, densify, harden, dustproof. Polymer content helps to protect fresh concrete from fast water evaporation. Active nano-silica content comes into chemical reaction with concrete components and form insoluble calcium silicate hydrate (CSH) that increases surface hardness, reduces dusting, makes maintenance of the floor easy.

- 2 in 1: finishing aid and hardening at the same time
- Lubricates the surface, making trowelling smooth without water spray
- Reduces a chance of dry shake delamination to minimum
- Reduces water evaporation rate (important for outdoor installation, hot or windy conditions)
- Increases the lifetime of floats and discs on the trowels
- Increases abrasion resistance by up to 32%
- Does not contribute to surface ASR or promote crazing, reduces plastic shrinkage
- Improves stain and water resistance of casted concrete
- “GREEN” and Planet Safe, water based

ESTIMATED COVERAGE RATES

- Fresh concrete: 5-10 m²/l (100-200 ml/m²)

SEALERS

Packaging

5 l
20 l
30 l
200 l



ULTRALIT GLOSS PLUS



Ultralit Gloss Plus is a lithium, high-gloss, stain and wear resistant concrete sealer with high polymer content used for improving the sheen, hardness, chemical resistance of honed and polished concrete. Product presents double action: lithium silicates penetrate into concrete and harden it and at the same time polymeric components form a protective micro layer that is breathable, dense, will not peel or debond. Used in conjunction with a highspeed burnisher, **ULTRALIT GLOSS PLUS** eliminates the need for floor waxes, liquid polishes and conventional resin based coatings.

- Hardener and Sealer in one
- High polymer content: best gloss, best stain resistance, best wear resistance
- Extremely high reactivity with high solids content of 24%
- Gives rapid and long-lasting shine / gloss and stain resistance to polished concrete
- Enhances the color intensity of colored and stained concrete, maximizes light reflectance
- Makes cleaning and maintenance of the floor easy
- Absolutely "GREEN" and Planet Safe, water based

ESTIMATED COVERAGE RATES

- First coat: 25-40 m²/l (25-40 ml/m²)
- Second and subsequent coats: 40-80 m²/l (12-25 ml/m²)

ULTRALIT GLOSS



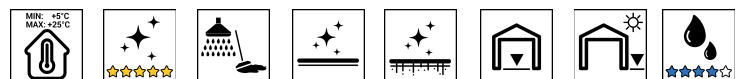
Ultralit Gloss is a lithium, high-gloss, stain and wear resistant concrete sealer used for improving the sheen, hardness, chemical resistance of honed and polished concrete. Product presents double action: lithium silicates penetrate into concrete and harden it and at the same time polymeric components form a protective micro layer that is breathable, dense, will not peel or debond. Ultralit Gloss enhances the color intensity of natural and cast stone, integrally colored, dyed, or acid stained decorative concrete. Used in conjunction with a highspeed burnisher, **ULTRALIT GLOSS** eliminates the need for floor waxes, liquid polishes and conventional resin based coatings.

- Hardener and Sealer in one
- Extremely high reactivity with high solids content of 21%
- Gives rapid and long-lasting shine / gloss and stain resistance to polished concrete
- Enhances the color intensity of colored and stained concrete, maximizes light reflectance
- Makes cleaning and maintenance of the floor easy
- Absolutely "GREEN" and Planet Safe, water based

ESTIMATED COVERAGE RATES

- First coat: 25-40 m²/l (25-40 ml/m²)
- Second and subsequent coats: 40-80 m²/l (12-25 ml/m²)

ULTRALIT GLOSS SHIELD



Ultralit Gloss Shield is a lithium, nano-particles, high-gloss, stain and wear resistant concrete sealer with high polymer content used for improving the sheen, hardness, chemical resistance of honed and polished concrete. Product presents double action: lithium silicates penetrate into concrete and harden it and at the same time polymeric components form a protective micro layer that is breathable, dense, will not peel or debond. Used in conjunction with a highspeed burnisher, **ULTRALIT GLOSS SHIELD** eliminates the need for floor waxes, liquid polishes and conventional resin based coatings.

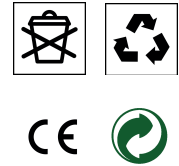
- Hardener and Sealer in one
- High nano-particle polymer content: best gloss, best stain resistance, best wear resistance
- Extremely high reactivity with high solids content of 25%
- Gives rapid and long-lasting shine / gloss and stain resistance to polished concrete
- Enhances the color intensity of colored and stained concrete, maximizes light reflectance
- Makes cleaning and maintenance of the floor easy
- Absolutely "GREEN" and Planet Safe, water based

ESTIMATED COVERAGE RATES

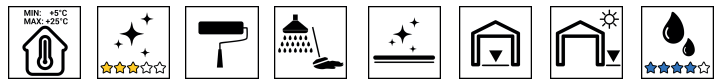
- First coat: 25-40 m²/l (25-40 ml/m²)
- Second and subsequent coats: 40-80 m²/l (12-25 ml/m²)

SEALERS

Packaging
5 l
20 l
30 l
200 l



ULTRALIT GLOSS LOCK



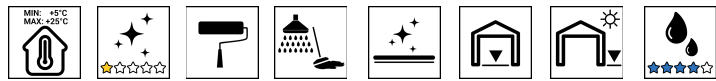
Ultralit Gloss Lock is solvent-free UV-resistant sealer which is designed to protect decorative/architectural concrete used for floors and walls (honed concrete, terrazzo, dry shake floors, cast-in-place concrete, paving stones) which require protection against soiling, efflorescence, loss of color, weathering, frost, etc. **ULTRALIT GLOSS LOCK** is suitable for indoor and outdoor application and can be applied on all absorbent concrete with any kind of finish (from smooth to rough). It is applicable on moist and dry surfaces and provides breathable long lasting screen.

- Can be applied indoor and outdoor (UV resistant)
- Water, oil- and dirt-repellent
- Protects against efflorescence
- Protects against frost
- Protects against colour fading
- Applicable on fresh/green concrete
- Long term durability and high resistance to abrasion

ESTIMATED COVERAGE RATES

- In dependence on surface quality: 10-30 m²/l (30-120 ml/m²)

ULTRALIT MATT



Ultralit Matt is invisible solvent-free UV-resistant sealer which is designed to protect decorative/architectural concrete used for floors and walls (polished concrete, terrazzo, dry shake floors, cast-in-place concrete, paving stones) which require protection against soiling, efflorescence, loss of color, weathering, frost, etc. **ULTRALIT MATT** is suitable for indoor and outdoor application and can be applied on all absorbent concrete with any kind of finish (from smooth to rough). It is applicable on moist and dry surfaces and provides breathable long lasting screen.

- Can be applied indoor and outdoor (UV resistant)
- Water, oil- and dirt-repellent
- Protects against efflorescence
- Protects against frost
- Protects against colour fading
- Changes in coating thickness remain invisible
- Long term durability and high resistance to abrasion

ESTIMATED COVERAGE RATES

- In dependence on surface quality: 5-30 m²/l (30-200 ml/m²)

ULTRALIT OWR



Ultralit OWR is a penetrating stain resistor which repels both oil and water on most hard surface substrates, providing real stain protection without forming a typical film like „guard“ stain protection. **ULTRALIT OWR** extremely small molecular size allows it to penetrate into dense, hard and non-porous surfaces creating from many foods and chemicals.

- Oil and food stain resistance
- Excellent stain protector for industrial applications
- Long-lasting protection
- High coverage rate
- Non-topical penetrating
- Safe for surfaces that experience high traffic
- Treated surfaces „breathe“ and do not trap moisture
- Compatibility to bond with ULTRALIT colors and densifiers
- Provides a chance to clean up spills before they stain or etch a surface

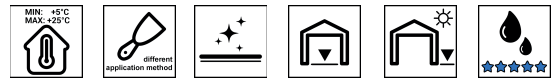
ESTIMATED COVERAGE RATES

- In dependence on surface quality: 20-50 m²/l (20-50 ml/m²)

REPAIR MATERIALS



ULTRALIT FLEX PU40



Ultralit Flex PU40 is one-component, medium-modulus polyurethane adhesive-sealant for multi-purpose use, which is curing by air moisture. It has excellent adhesion to most surfaces, forms flexible and durable joints. It can be used for bonding and sealing various building materials: concrete, wood, aluminum, galvanized and painted metal, plastic, glass, stone, ceramics, etc. **ULTRALIT FLEX PU40** is packaged in 600 ml soft foil tubes (20 tubes per box).

- Permanent elasticity
- No shrinkage
- Primerless adhesion to almost all substrates
- Replaces rivets and mechanical fasteners
- Excellent thixotropic properties

- Has sound insulating properties, dampens vibration well
- Excellent resistance to aging and weathering
- Can be painted over with most water-based paints
- Complies with BS 6920 and can be used in contact with drinking water
- Meets the requirements of VOC content specifications in LEED credit EQc4.1 "Low emitting products" of SCAQMD rule 1168

ESTIMATED COVERAGE RATES

Joint width	5 mm	10 mm	15 mm	20 mm	25 mm	30 mm	35 mm
Joint depth	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	15 mm
Joint length / 600 ml	20 m	10 m	5 m	3 m	2 m	1,3 m	1,1 m

ULTRALIT FIX STANDARD



Ultralit Fix Standard is a specially formulated polymer rapid repair product. In its basic low viscosity formulation, Ultralit Fix Standard may be used in a variety of unique applications to repair concrete substrates. It is designed for use in both interior and exterior concrete repair and parking situations. Can be used in patching applications: holes, divots, pop outs and re-nosing of joints. Dry aggregate needs to be mixed into **ULTRALIT FIX STANDARD** ("A" and "B" already mixed 1:1) or at a 3 to 1 ratio (aggregate to Ultralit Fix Standard), but not more than 4 to 1. 0,6-0,85 mm aggregate is ideal size. Ultralit Fix Standard is packed in 2 liter kits (1 liter pail of component "A" and 1 liter pail of component "B").

- Ultra low viscosity in neat configuration will penetrate concrete for permanent bond
- Cures in 30 minutes for quick open to traffic
- Can cure in -34°C. Cure time will be extended at lower temperatures
- Mixed with industrial quartz sand will make a durable polymer concrete
- Self-leveling in thinner viscosities
- Minimal surface preparation required
- Good chemical resistance
- May be bulk mixed for large area repairs

ULTRALIT LATEX



Ultralit Latex is a latex-based additive used for grouting and filling of small holes, air voids, pop-outs in polished / honed concrete floors during grinding. Product is sprayed before the grinding machine, gets mixed with the dust and blocks all imperfections of the floor. **ULTRALIT LATEX** creates a smooth surface that polishes faster and easier. After application of Ultralit Latex, floors accept densifiers, sealers, stains more evenly. Ultralit Latex is packed in 20 liter pails (32 pails on the pallet).

- Easy application with quick curing
- Improves polishing / honing
- Perfect solution if You make polished concrete from low quality concrete
- Makes cleaning and maintenance of the floor easy
- Absolutely "GREEN" and Planet Safe, water based

ESTIMATED COVERAGE RATES

- 5-10 m²/l (100-200 ml/m²) in dependence of floor quality

CLEANERS

Packaging
10 l
200 l



ULTRALIT BRILLIANT concentrate

ULTRALIT BRILLIANT is surface-active, low-foaming maintenance cleaner designed for the protective treatment of floor coverings with autoscrubber. The maintenance substances left on the surface dry streak-free and form a solid, glossy and non-slip protective layer. Thanks to the impermeability of the coating and the high dirt resistance, heel marks only occur sporadically and can be easily removed. Using **ULTRALIT BRILLIANT** regularly with an autoscrubber renews the maintenance substances and prevents an excessive build-up of coatings. Ultralit Brilliant is packed in 10 liter pails (64 pails on the pallet).

- Concentrate: dilute 100-400 ml in 10 litres of water
- Polymers inside: keeps Your floor glossy
- Tire marks: can be easily removed
- Can be used in: DIY stores or any industrial flooring
- Is free from: phosphate, chlorine, complexing agents and silicone

ESTIMATED COVERAGE RATES

- Mechanical wet cleaning: 2 ml/m²

ULTRALIT CLEAN concentrate

ULTRALIT CLEAN effectively removes general dirt as well as grease and oil common in assembly shops and garages of the motor vehicle and metal industry as well as on any industrial flooring. Both when manually and mechanically applied, Ultralit Clean offers excellent reticulation properties and is low foaming. **ULTRALIT CLEAN** is free from phosphate, chlorine, complexing agents and silicone, and therefore corresponds to environmental protection standards. Having small content of active lithium inside, constantly hardens and dustproofs Your floor. Ultralit Clean is packed in 10 liter pails (64 pails on the pallet).

- Concentrate: dilute 100-200 ml in 10 litres of water
- Lithium inside: constantly hardens and dustproofs Your floor
- Effectively removes: general dirt as well as grease and oil
- Can be used in: garages or any industrial flooring
- Is free from: phosphate, chlorine, complexing agents and silicone

ESTIMATED COVERAGE RATES

- Wiping / mechanical wet cleaning: 1-2 ml/m²
- Intensive cleaning: 2-5 ml/m²

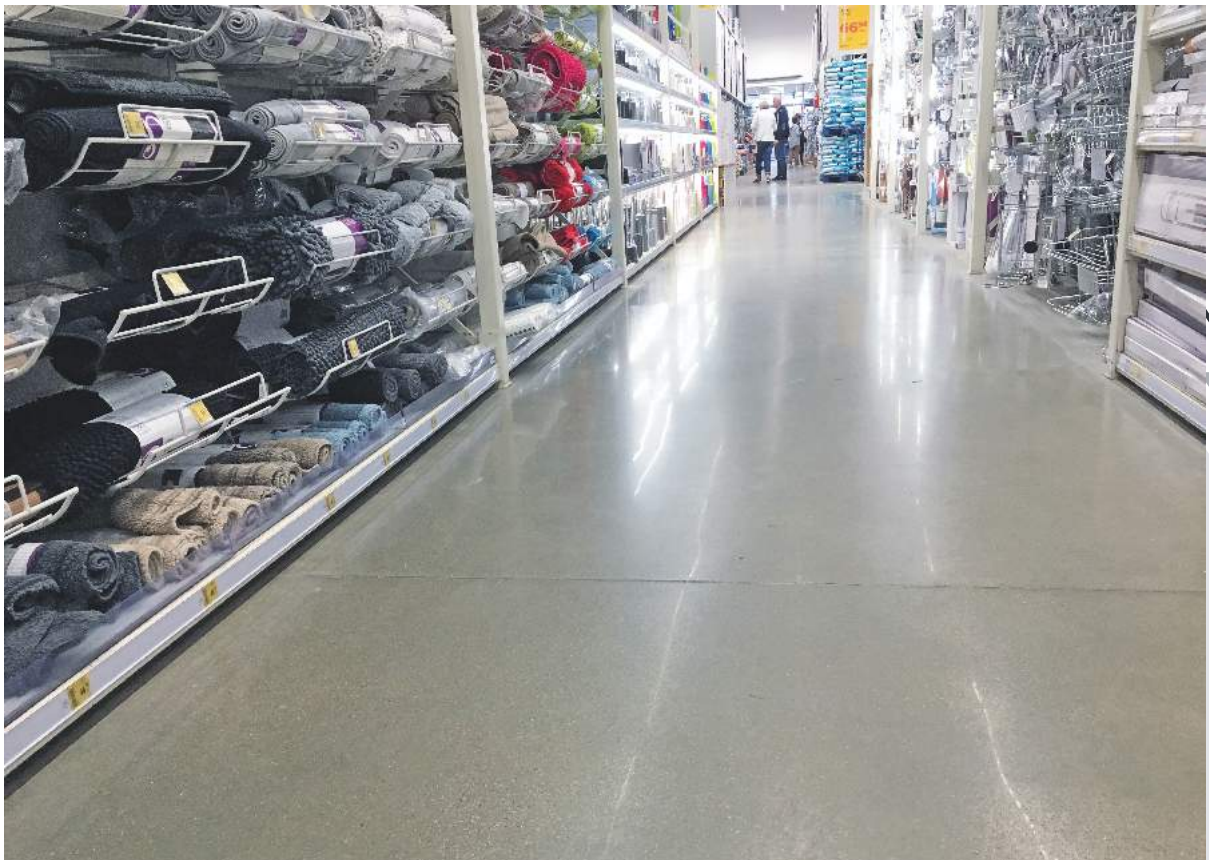
ULTRALIT CLEAN PLUS concentrate

ULTRALIT CLEAN PLUS is a highly-alkaline industrial cleaning concentrate designed for the removal of stubborn dirt. Thanks to the high cleaning performance, the product quickly dissolves industrial dirt, oil and grease and allows for a fast cleaning process. **ULTRALIT CLEAN PLUS** is packed in 10 liter pails (64 pails on the pallet).

- Concentrate: dilute 30-100 ml in 10 litres of water
- Lithium inside: constantly hardens and dustproofs Your floor
- Effectively removes: general dirt as well as grease and oil
- Can be used in: garages or any industrial flooring
- Is free from: phosphate, chlorine, complexing agents and silicone

ESTIMATED COVERAGE RATES

- Mechanical wet cleaning: 0.3 ml/m²
- Stripping: 2.5 ml/m²



Ultralit®

HARD • HARDER • MORE HARDER



DRAGAN

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