FOUNDRY PRODUCTS

TABLE OF CONTENTS **PAGE**

CQ-A

1.- Application:

CEQU-A is used to repair faults and prepare models for their later usage.

2.- Description:

This product has been developed for a fast model preparation and usage after hardening and if needed, sanding.

3.- Use:

Take the needed quantity using a putty knife and mix with a 2/3% (of the weight) of **CEQU-SA** catalyst (red colour paste), until it is fully incorporated (uniform colour of the paste). Time for usage after that: 5/7 minutes.

Important note! Do not put remaining catalyzed product back in the can, nor the used tools until totally clean.

4.- Hardening:

20/30 minutes at 20ºC approx.

5.- Characteristics:

White colour + red catalyst (mix is slightly pink)
Good adherence on several materials.
Can be sanded after hardening.

6.- Packaging:

2 Kg. Cans – Box of 8 cans + 8 red catalysts tubes (50gr.each)

7.- After opening the can use in 6 months. Close the can after usage.

CQ-BASE

1.- Application:

CQ-BASE has been developed to repair cavities and pores in iron and steel foundry parts.

2.- Description:

Product based on synthetic resins (non-nitrocellulose), fast drying depending on thickness and shrinkage

3.- Use:

By means of a putty knife take a small amount of product and apply over the pore or cavity. If needed, a second application can be made over the first if the cavity is deep.
Close the can after usage.

4.- Hardening:

Depending on quantity of product applied, drying time varies from 1 to 3 hours.

5.- Characteristics:

Single component (physical drying).
Grey colour.
Good adherence on iron and steel.
Can be painted over when dry.

6.- Use the product preferably in 6 months.

7.- Packaging:

1,5 Kg. can – 8 can box.

CQ-BO

1.- Application:

CQ-BO has been developed to repair cavities and pores in iron and steel foundry parts.

2.- Description:

Dark colour product, developed to repair faults of any size.

3.- Usage:

Take the needed quantity using a putty knife and mix with a 2/3% (of the weight) of **CQ-SA** catalyst (white colour paste), until it is fully incorporated (uniform colour of the paste). Time for usage after that: 5/7 minutes.

Important note! Do not put remaining catalyzed product back in the can, nor the used tools until totally clean.

4.- Hardening:

20/30 minutes at 20ºC approx.

5.- Characteristics:

Dark colour + white catalyst
Good adherence on several materials.
Can be sanded after hardening.

6.- Packaging:

2 Kg. Cans – Box of 8 cans + 8 red catalysts tubes (50gr.each)

7.- After opening the can use in 6 months. Close the can after usage.

CQ-120

1.- Application:

CQ-120 product enables to correct pores and cavities of small and medium size in iron as well as in steel. Allow later usage at temperatures up to 350ºC.

2.- Description:

Comes in a 2 component kit. Component A (**CQ-120**), in a metallic dust, and component B (**CQ-S120**) as a hardening liquid.

3.- Usage:

Mix both components (A+B) in an approximate proportion of 3:1. Proportion can be changed slightly to obtain the desired viscosity. Once hardened, product can be sanded to obtain a metallic aspect.

4.- Hardening:

45/60 minutes approx.

5.- Characteristics:

Two components **A+B**
Metallic aspect.
Can be painted over if necessary.
Sanding.
Resists 350ºC.

6.- Use the product preferably in 6 months.

7.- 750 grs. can + hardener 250cc. tube.

CQ-FO

1.- Application:

CQ-FO has been developed to repair cavities and pores in iron and steel foundry parts. Dark metallic aspect.

2.- Description:

Dark colour product, developed to repair faults of any size. Machineable once hardened.

3.- Usage:

Take the needed quantity using a putty knife and mix with a 2/3% (of the weight) of **CQ-SA** catalyst (white colour paste), until it is fully incorporated (uniform colour of the paste). Time for usage after that: 5/7 minutes.

Important note! Do not put remaining catalyzed product back in the can, nor the used tools until totally clean.

4.- Hardening:

20/30 minutes at 20ºC approx.

5.- Characteristics:

Dark colour + white catalyst
Good adherence on several materials.
Can be sanded after hardening.
Machineable

6.- Packaging:

2 Kg. Cans – Box of 8 cans + 8 red catalysts tubes (50gr.each)

CQ-F220

1.- Application:

CQ-F220 product enables to correct pores and cavities of small and medium size in iron as well as in steel. Allow later usage at temperatures up to 120ºC.

2.- Description:

Comes in a 2 component kit. Component A (**CQ-F220**), in a metallic dust, and component B (**CQ-S220**) as a hardening liquid.

3.- Use:

Mix both components (A+B) in an approximate proportion of 3:1. Proportion can be changed slightly to obtain the desired viscosity. Once hardened, product can be sanded to obtain a metallic aspect.

4.- Hardening:

30/45 minutes approx.

5.- Characteristics:

Two components **A+B**
Metallic aspect.
Can be painted over if necessary.
Can grind or sandpaper flat.
Resists 120ºC.

6.- Use the product preferably in 6 months.

7.- 750 grs. can + hardener 250cc. tube.

CQ-H

1.- Application:

CQ-H has been developed to repair cavities and pores in iron and steel foundry parts. Metallic aspect.

2.- Description:

Developed to repair faults of any size. Non machineable once hardened. If sanded, the metallic aspect disappears leaving a grey tone.

3.- Use:

Take the needed quantity using a putty knife and mix with a 2/3% (of the weight) of **CQ-SA** catalyst (white colour paste), until it is fully incorporated (uniform colour of the paste). Time for usage after that: 5/7 minutes.

Important note! Do not put remaining catalyzed product back in the can, nor the used tools until totally clean.

4.- Hardening:

20/30 minutes a 20ºC approx.

5.- Characteristics:

Dark colour + white catalyst
Good adherence on several materials.
Can be sanded after hardening.
Non machineable

6.- Packaging:

2 Kg. Cans – Box of 8 cans + 8 red catalysts tubes (50gr.each)

7.- After opening the can use in 6 months. Close the can after usage.

CQ-F

1.- Application:

CQ-F has been developed to repair cavities and pores in iron, steel and aluminium foundry parts. Metallic aspect.

2.- Description:

Product developed with a metallic color to repair faults of all sizes. Machineable once hardened.

3.- Use:

Take the needed quantity using a putty knife and mix with a 2/3% (of the weight) of **CQ-SA** catalyst (white colour paste), until it is fully incorporated (uniform colour of the paste). Time for usage after that: 5/7 minutes.

Important note! Do not put remaining catalyzed product back in the can, nor the used tools until totally clean.

4.- Hardening:

20/30 minutes a 20ºC approx.

5.- Characteristics:

Dark colour + white catalysts
Good adherence on several materials.
Can be sanded after hardening.
High mechanical resistance
Machineable

6.- Packaging:

1,5 Kg. Cans – Box of 8 cans + 8 red catalysts tubes (50gr.each)

7.- After opening the can use in 6 months. Close the can after usage.

CQ-AL5000

1.- Application:

CQ-AL5000 repairs cavities and pores of small or medium size in **ALUMINIUM** foundry parts. Made with aluminium particles. Can be used later at temperatures up to 120ºC.

2.- Description:

Comes in a 2 component kit. Component A (**CQ-AL5000**), in a metallic dust, and component B (**CQ-S5000**) as a hardening liquid.

3.- Usage:

Mix both components (A+B) in an approximate proportion of 3:1. Proportion can be changed slightly to obtain the desired viscosity. Once hardened, product can be sanded to obtain a metallic aspect.

4.- Hardening:

30/45 minutes approx.

5.- Characteristics:

Two components **A+B**
Metallic aspect.
Can be painted over if necessary.
Grind or sandpaper flat
Resists 120ºC.

6.- Use the product preferably in 6 months.

7.- 500 grs. can + hardener 250cc. tube.

CQ-BR

1.- Application:

CQ-AL5000 repairs cavities and pores of small or medium size in **BRONZE** foundry parts. Made with aluminium particles. Can be used later at temperatures up to 120ºC.

2.- Description:

Comes in a 2 component kit. Component A (**CQ-BR**), in a metallic dust, and component B (**CQ-SBR**) as a hardening liquid.

3.- Use:

Mix both components (A+B) in an approximate proportion of 3:1. Proportion can be changed slightly to obtain the desired viscosity. Once hardened, product can be sanded to obtain a metallic aspect.

4.- Hardening:

30/45 minutes approx.

5.- Characteristics:

Two components **A+B**
Bronze aspect.
Can be painted over if necessary.
Machineable
Resists 120ºC.

6.- Use the product preferably in 6 months.

7.- 300 grs. can + hardener 250cc. tube.

CQ-MICROPORO

1.- Application:

Developed for capillary pervasions in foundry parts having pores, penetrating them in a capillary way. Once hardened the product can be heated at 250ºC, getting afterwards a high toughness and resistance.

2.- Description:

Can be applied by dipping or with brush

3.- Use:

Parts to pervade must be free of dust and oil and dry.
With a brush, spread the product on the pored surface, repeat the operation 2 or more times.
By dipping, submerge completely the part the keg during 20-30 minutes. After that period, take out the part and let it dry for 6 hours.

4.- Hardening:

6 hours approx. Hardening can be rushed by heating at 250ºC.

5.- Characteristics:

Single component liquid.
Colorless.
Resistant to high temperatures.

6.- Cans must be perfectly closed after usage.

7.- Packaging:

1 lt. cans – Box with 12 cans.
5 lt. cans – Box with 4 cans.
25 Lt. can.

CQ-TERM

1.- Applications:

Single component sealer for high temperatures (1.500ºC) for heaters, kitchens and smoke conduits.

2.- Description:

Single component sealer based on sodium salt from silicon acid, formulated only with non-organic components.

3.- Use:

Apply directly over the surface to seal.

4.- Hardening:

Creates a skin few minutes after application, drying 6 hours later. Total drying depends on thickness of the string applied, approximately 24 hours.

5.- Characteristics:

Single component mastic.
Black.
Resistant to 1500ºC.
Applied with extrusion gun or putty knife.
Can be swept with water before hardening.

6.- Store product at temperatures over +5ºC

7.- Packaging:

310 cc. Cartridges – 24 cartridges box.
1,5 kgs. Cans – 12 cans box.
25 kgs. Pail.

CQ-TERM PLUS

1.- Application:

Single component sealer for high temperatures (1.500ºC) for heaters, kitchens and smoke conduits. Does not chalk or not cause efflorescence after drying.

2.- Description:

Single component sealer based on inorganic salts, formulated with mineral charges.

3.- Use:

Apply directly over the surface to seal.

4.- Hardening:

Creates a skin few minutes after application, drying 6 hours later. Total drying depends on thickness of the string applied, approximately 24 hours.

5.- Characteristics:

Single component mastic.
Black.
Non chalking.
Resistant to 1500ºC.
Applied with extrusion gun or putty knife.
Can be swept with water before hardening.

6.- Store product at temperatures over +5ºC.

7.- Packaging:

310 cc. Cartridges – 24 cartridges box.
1,5 kgs. Cans – 12 cans box.
25 kgs. Pail.

CQ-ADH

1.- Applications:

Single component adhesive for high temperatures (1200ºC) for glass and adherent string on heaters, kitchens, etc.

2.- Description:

Single component adhesive made with non-organic salts, formulated with mineral charges, to glue glass or ceramic string to any element that has to resist high temperatures.

3.- Use:

Apply directly on the surface, and place the the element to stick.

4.- Hardening:

Creates a skin few minutes after application, drying 6 hours later. Total drying depends on thickness of the string applied, approximately 24 hours.

5.- Characteristics:

Single component adhesive.
Grenn aspect
Resists 1200ºC.
Applied with extrusion gun.
Can be swept with water before hardening.

6.- Store product at temperatures over +5ºC.

7.- Packaging:

310 cc. Cartridges – 24 cartridges box..

CATALIZADORES Y ENDURECEDORES

CQ-SA	Catalyst for:	**CQ-A**
CQ-S120	Hardener for:	**CQ-C120**
CQ-SBR	Hardener for:	**CQ-BR**
CQ-S220	Hardener for:	**CQ-F220**
CQ-S5000	Hardener for:	**CQ-AL5000**