

CEREZ®

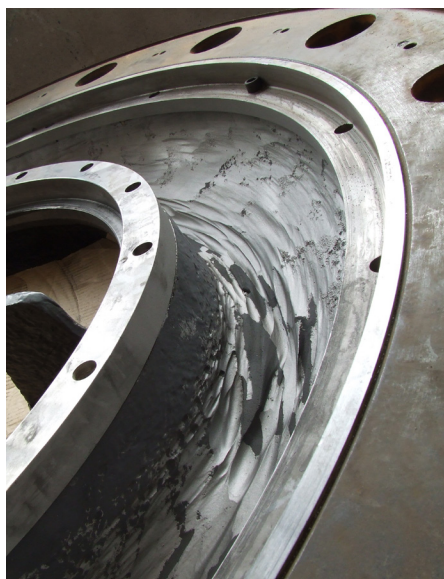
Shielding Resin

CEREZ® compounds propose an easy solution to solve a wide range of wear problems.

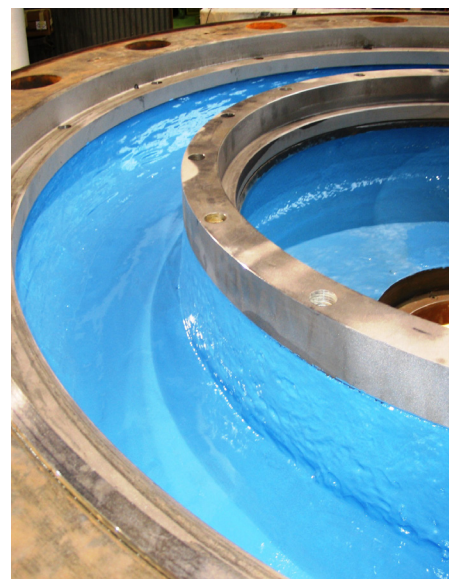
Easily implemented and with superior wear resistance properties, it's an essential tool for mining or mineral processing maintenance teams.

CEREZ® bond tenaciously to almost rigid materials properly prepared and cleaned.

Steel, stainless steel, concrete, polyurethane, rubber or ceramics as well as on themselves.



Before



After

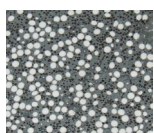
TECHNICAL CHARACTERISTICS

The **CEREZ®** compounds range include four different grades. The main difference between these grades is size of ceramic particles and application system.

	CEREZ 600XS	CEREZ 550XS	CEREZ 500XS	CEREZ 400XS
Net weight (kg/per kit)	12	5,40	1,15	1,15
Maximal size of ceramic particles (mm)	1,7	2	0,05	0,05
Consistency	Pasty	Pasty	Pasty	Liquid
Tool for Application	Trowel	Trowel	Trowel	Brush
QTY resin/ qty hardner (* weight)	2/1	2/1*	1/1	1/1
Resin color	Grey	White	Dark Grey	Blue or red
Hardner color	Black	Blue	Light grey	Light grey
Mixture Life time at 25°C (min)	35	10 to 15	20	20
Hardening time 25°C (begining/end in hours)	8/24	0,5/1,5	4/24	4/24
Quantity per mm Thick (kg/m²)		2,10		
Minimum Advised Thickness (mm)	6,35	20	2	1
Maximal working temperature °C	110	85	120	120

KIT CEREZ®

CEREZ® come in form of kits including 2 containers ; one for resin, one for hardener. Ceramic grains are shared between two components for pasty products or fully integrated in resin container for 400xs.



CEREZ 600XS



CEREZ 550XS



CEREZ 500XS



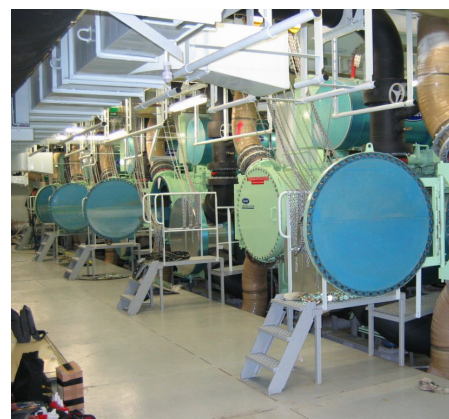
CEREZ 400XS



TYPICAL APPLICATIONS

CEREZ® materials are suitable to protect or repair :

- Slurry pumps
- Pipes
- Hoppers
- Chutes
- Cyclons
- Feeders
- Tanks
- Exhausters
- Thermal exchangers
- ...



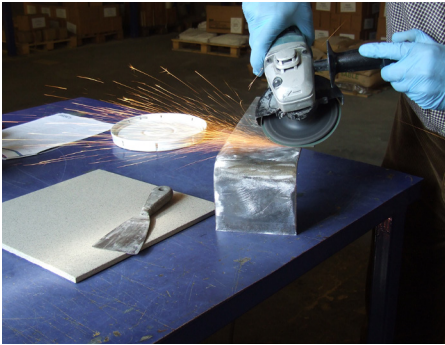
APPLICATION

key points for a successful application :

- Clean and grind the support
- Respect the temperature application
- Make a perfect two components

1 - SUPPORT PREPARATION

- Make the support perfectly clean
- Use grinding or sand blasting machine to remove all rust traces and make the support rough.



2 - TEMPERATURE

- Cerez components and equipment to be lined have to be at a temperature included between 15° and 25°C.
- Température over 25°C reduce cure time and can make coating more difficult.
- Temperature below 15°C can slow down or even stop hardening. In this case, warm up Cerez and equipment to line in a suitable room at required temperature.
- Caution : because mixing resin and hardener give out heat, mix too much product at the same time reduce strongly tin life time.



3 - MIXING

PASTY PRODUCTS:

Key point : mixing resin/ hardener homogeneity.



- Work on a clean and smooth surface (enamel floor tile for example)
- Put on quantity of resin and hardener as recommended.
- Mix during 3 to 5 minutes.
- Caution: don't use tool soiled by one of the component
- in the pot of the other component.



LIQUID PRODUCTS:

Pour totality of hardener in resin pot.

- Mix during 3 to 5 minute, if possible with a mechanical mixer working at low speed to avoid insert air bubble into the blend
- Never mix more product than you are able to apply before hardening starting.

4 - APPLICATION

PASTY PRODUCTS:

Use metallic tools: trowels, filling knife or any tool suited to the shape you have to cover.

- Make a first thin application to wet the surface.
- Then apply the thickness you wish respecting advised minimum thickness.
- For vertical or pitched walls apply several thin coats, awaiting the previous one is enough strong before applying next one.
- To avoid that blend bond on metallic tools, get it regularly through flam of a small gas lamp.



- You can also make a formwork you will cover with adhesive tape in order to make turning out easier .
- Clean regularly steel tools with acetone.



LIQUID PRODUCTS:

Apply by crossed coats with brush or for thick horizontal coat with plastic spatula.

- Always wait for one coat to set before applying the next.
- Cover an equipment with different colour coats allows to make a useful wear indicator for preventive maintenance.

CONTACT

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