

cerface
SPECIALITY CHEMICALS

MANUFACTURER OF GLAZE COMPOUNDS
AND
CERAMIC CHEMICALS

ABOUT US

CERFACE SPECIALITY CHEMICALS is a leading manufacturer of ceramic chemicals established in 2015. CERFACE commits value addition and ease-of-manufacturing to our customers. The products we develop are tailor-made as per the customers' specification. CERFACE work into the hidden chemistry of ceramic manufacturing process along with hundreds of raw materials. We believe in ethical business that increase the brand value. CERFACE commit to the environment as well to develop the products for our customers.

PRODUCTS:

CERFACE produces wide range of chemicals and tailor-made solutions for the tile, sanitaryware and tableware industries. These products are widely used in every stage of the production. CERFACE have range of products of powder & liquid binders, deflocculants, levelling agents, Ceramic diluting agents, suspending agents, biocides, antibacterial, polishing additives and printing oils.

R & D:

CERFACE have combination of advanced technology instruments and specialist team for the research and development. Our team works for the product development to meet the demand of the market along with customers' manufacturing facility. Our team look into the customers' issue that they are facing and provide them the right solution. CERFACE research team works with all kind of raw materials and technological equipment our customers' use in daily operation. The team gives tailor-made solution as per the process, equipment and raw materials.

ASSISTANCE:

CERFACE business strategy is to serve technical assistance and technical know-how to our esteem customers. CERFACE supplies the tailor-made products along with assistance throughout the production process. CERFACE's technical team is always available to meet the goal of customers' requirements. Technical team exchanges the right information and skills as and when required.

DRM



PRODUCT CHARACTERISTICS

- Appearance** : Colourless - Light Yellow Liquid
- Solubility** : Water-soluble
- Density (20 C)** : Approx 1.02 g/cm³
- Viscosity (20 C)** : Approx 400 mPas
- Dosage** : 0.3 %to 0.8% calculated on the solid content of the glaze.

DRM is the binder for the high gloss/polished glaze and digital ink.

DRM creates uniform ink behaviour while applying in protection coat for high gloss and polished porcelain tiles. It creates homogeneous surface of applied inks by digital printing technology. It helps to improve the flow as well as obtain even surface of the glaze.

DRM helps to maintain the glaze slip. The viscosity of the glaze remains the same.

Shelf-life / Packaging

12 months when stored under proper condition
Drums of 50 & 200 kgs and IBC of 1000 kgs

DB 111



PRODUCT CHARACTERISTICS

- Appearance** : Colorless - Light Yellow Liquid
- Solubility** : Water-soluble
- Density (20 C)** : Approx 1.02 g/cm³
- Viscosity (20 C)** : Approx 400 mPas
- Dosage** : 0.05 %to 0.2% calculated on the solid content of the glaze.

DB 111 is the binder for Rustic, Matt, Satin, Hard Matt and Full Body Anti slip surfaces and digital ink.

DB 111 creates ink behaviour uniformly while applying in protection coat for rustic, matt, satin, hard matt and Full body porcelain tiles. It creates homogeneous surface of applied inks by digital printing technology.

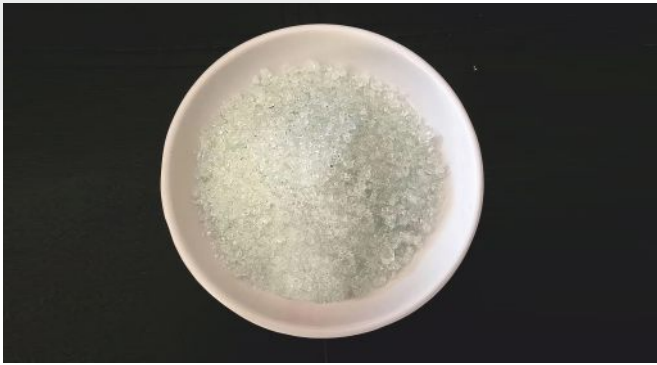
DB 111 applies by spray application onto the glaze surface after digital printing or special application.

DB 111 helps to maintain the glaze slip and viscosity of the glaze remains the same.

Shelf-life / Packaging

12 months when stored under proper condition
Drums of 50 & 200 kg and IBC of 1000 kg

GLAZE COMPOUNDS



PRODUCT WE CATER

	Engobe	Opaque Glazes	Transparent Glazes	Surfaces
Wall Tiles	Yes	Yes		Matt, Hard Matt
Floor Tiles	Yes	Yes	Yes	Matt, Carving
GVT	Yes	Yes	Yes	Matt, Glossy, R10, R11, Carving

Glaze composition of engobe, glazes and transparent top coat

CERFACE manufactures various kind of composition for the engobe, glazes and top coats. Glaze Compounds are the combination of various frits, clays and fluxes along with some chemicals additives.

We have glazes for wall tiles, floor tiles and GVT. We manufacturing various surfaces

Packaging

Packing in 50kgs bag, 750kgs and 1000kgs jumbo bag.

POLYD 100



PRODUCT CHARACTERISTICS

- Appearance** : Colourless - slight yellow liquid
- Solubility** : Water-soluble
- Density (20 C)** : Approx 1.15 g/cm³
- Viscosity (20 C)** : 400-1000 mPas
- Dosage** : 10ppm to 100 ppm calculated on the solid content of the body.

Deflocculant agent for ceramic body - CONCENTRATED

POYD 100 works as a super deflocculant agent in ceramic body. It is added in the mill at the beginning of the grinding stage or during the milling.

It helps reducing viscosity of body and make it flowable. Also it helps to maintain the required density and reduces the spray cost.

POLYD 100 helps with other deflocculant agents to work in low dosage. It is advisable to mix POLYD 100 with other deflocculants and supply.

Technical Assistance : This product required technical assistance to achieve better results at low cost.

Shelf-life / Packaging

24 months when stored under proper condition
Drums of 60 & 230 kgs and IBC of 1200 kgs

POLYBIND (BODY BINDER)



PRODUCT CHARACTERISTICS

- Appearance** : Colourless - slight yellow powder
Density (20 C) : Approx 0.95 g/cm³
Viscosity (1% Solution) : 11 mPas
Dosage : Dosage is not calculated but this can be use 0.01% to 0.5% calculated on the solid content of the body.

Concentrated Powder Binder

POLYBIND helps increasing mechanical strength of dry ceramic body. It helps reduce the breakage of the production line.

POLYBIND helps reducing clays and increase other fluxes to increase more whiteness of the body.

This helps to reduce the black core of the body because of its inorganic characteristics.

This can use as a replacement of SLS at low dosage.

Shelf-life / Packaging

24 months when stored under proper condition.
 Packing in 25 kgs bag

DB GLUE



PRODUCT CHARACTERISTICS

- Appearance** : White emulsion
Solubility : Water-soluble
Density (20 C) : Approx 1.05 g/cm³
Viscosity (20 C) : Approx 100 mPas
Dosage : 30% Glue + Water as per required Viscosity + 50% Crushed-Frits/micro-grits

Binder for crushed-frits/ micro-grits along with levelling and flowing properties

DB GLUE is a special blend of organic and inorganic materials which gives plasticity and flowability together to the crushed- frits/micro-grits.

DB GLUE also increases drying time of the crushed-frits/micro-grits on glaze line application. It evenly distributes on the surface without air blister. It also helps suspending the particles of crushed frits evenly.

Shelf-life / Packaging

12 months when stored under proper condition
 Drums of 55 & 230 kgs and IBC of 1200 kgs

POLISH SHIELD



PRODUCT CHARACTERISTICS

- Appearance** : Coloured Liquid
Solubility : Water-soluble
Density (20 C) : Approx. 1.02 g/cm³
Viscosity (20 C) : Approx. 20 mPas
Dosage : 3 KGs to 5 KGs in 220 KGs Barrel

Nano chemical for high intensity coloured tile polishing

Available colours : Black, Blue, Brown, Red, Yellow.

POLISH SHIELD having high colour intensity which helps to get the right tone of your tile. It increases the color intensity as well as shines the surface of the tile.

POLISH SHIELD is used in Glaze polished tiles as well as double loading polished and full body polished tiles.

POLISH SHIELD is compatible with all kind of water based polishing chemicals (Nano A) available in market.

Shelf-life / Packaging

12 months when stored under proper condition
Drums of 50 & 200 kgs and IBC of 1000 kgs

AF1010



PRODUCT CHARACTERISTICS

- Appearance** : White emulsion
Solubility : Water-soluble
Density (20 C) : Approx 1.02 g/cm³
Viscosity (20 C) : Approx 300 mPas
Dosage : 0.5 %to 2.0% calculated on the solid content of the glaze.

Diluting Agent for Engobe and Glaze.

AF1010 is easily soluble and removes bubble from the Engobe/ Glaze. It can be used with every kind of foam caused by fast mixing of organic and inorganic materials. AF1010 can be dosed directly into the liquid Engobe/Glaze. It improves application process and reduces the defects like air blister, crawling and orange peel.

AF1010 increase the drying time of the glaze on glaze line application.

AF1010 can be use in Porcelain/ Vitrified Engobe/Glaze, Big format Engobe/Glaze, Monoporosa Wall Engobe/Glaze

Shelf-life / Packaging

12 months when stored under proper condition
Drums of 50 & 200 kgs and IBC of 1000 kgs

DFLOX (SANITARY WARE)



PRODUCT CHARACTERISTICS

- Appearance** : Colourless - slight yellow liquid
Solubility : Water-soluble
Density (20 C) : Approx 1.15 g/cm³
Viscosity (20 C) : 400-1000 mPas
Dosage : 0.02% to 0.07% calculated on the solid content of the body.

Concentrated solution of deflocculating agent for sanitary ware and glazes

DFLOX is an organic deflocculant agent having higher molecular weight which helps increasing higher solid contents with same viscosity.

DFLOX can help reducing viscosity of glazes and replaces partially or completely STPP. Deflox also increase plasticity of glazes so it helps reducing CMC.

DFLOX helps reducing viscosity of glaze and make it flowable. Also it helps to maintain the required density.

If glazes become curdy or thixotropy increases, small dosage of DFLOX can resolve the problem and increase flowability.

Shelf-life / Packaging

24 months when stored under proper condition
 Drums of 60 & 230 kgs and IBC of 1200 kgs

FLOW D



PRODUCT CHARACTERISTICS

- Appearance** : Light yellow liquid
Solubility : Water-soluble
Density (20 C) : Approx. 1.29 g/cm³
Viscosity (20 C) : Approx. 300 mPas
Dosage : 0.1 %to 0.5% calculated on the solid content of the glaze.

Flowing and deflocculant agent for glaze.

FLOW D is the flowing agent for the glaze. Flow D helps improving the levelling of the surface. it also helps reducing surface tension and maintain the flow of the glaze.

FLOW D increases slightly the drying time of the glaze on the glazing line application and it is stable for long time and give good results with different pH and temperature.

Shelf-life / Packaging

12 months when stored under proper condition
 Drums of 60 & 240 kgs and IBC of 1250 kgs



cerface
SPECIALITY CHEMICALS

📍 OFFICE:
712, Shivalik Shilp,
Iscon Cross Road,
Ahmedabad-380015

✉ info@cerface.in

🌐 www.cerface.in

📍 UNIT-1:
Plot No 5, Survey No. 628,
Village Chacharvadi Vasna,
Nr. Moraiya, Ahmedabad-382213

📍 UNIT-2:
Plot No 23 & 24, Lalpar Ind Estate-4,
Opp Pioneer Ceramic,
Lalpar, Morbi-2.