

Betol[®] 39 T

Inorganic binder based on special alkali silicate

Chemical description	Betol 39 T is an inorganic binder based on especially modified sodium
	silicate without any volatile organic additives.
Mode of action	Due to its special composition the application of Betol 39 T together with inorganic or organic inert substances (e.g. fillers) results in stable high strength bonds.
Specification (average values)	Dry content:approx. 36,0 %007 *)Density (20°C):approx. 1,37 g/cm³042 *)pHapprox. 11,3008 *)(10 % in water):Viscosity (20°C):approx. 100 mPas053 *)Viscosity (20°C):approx. 100 mPas053 *)Appearance:clear to slightly opalescent liquidOdour:almost none
Properties	 Stable, alkaline liquid, Good wetting properties, especially on inorganic and mineral substances, Can be cured by organic or inorganic hardeners, acidic gases (e.g. CO₂) or higher temperatures, Heat and acid resistant bonds are obtained, In combination with special hardeners water stable bonds can be achieved.
Application	Betol 39 T is applied as binder for the production of insulating, fire protecting and other construction panels. Furthermore it is used as a binder for mineral dusts and for agglomerating or briquetting of coal, mineral or metal dusts. Betol 39 T is also used as binder in acid or fire proof cements and as setting accelerator for shotcrete mortars.
Note	Betol 39 T is only classified as slightly hazardous to water (according to German water hazard class regulations). During application or by heat impact no hazardous gases or decomposition products are evolved.
Storage	Betol 39 T must not be stored in aluminium or galvanized containers. Protect from frost. The containers must be kept tightly closed. Storage stability at least 12 months.
Labelling / Safety	Not classified as dangerous according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV).

Any technical application recommendations, verbal or in writing, provided by us in good faith to our customers/users for their assistance and on the basis of our experience and present state of knowledge are absolutely noncommittal. This also applies to any existing industrial property rights or foreign statutory provisions. Any recommendation of ours can therefore not be regarded as a legal relationship or contractual commitment, nor does it establish any sales contract deed of convenant. It is the buyer's responsibility to examine the suitability of our products for their intended application.





