







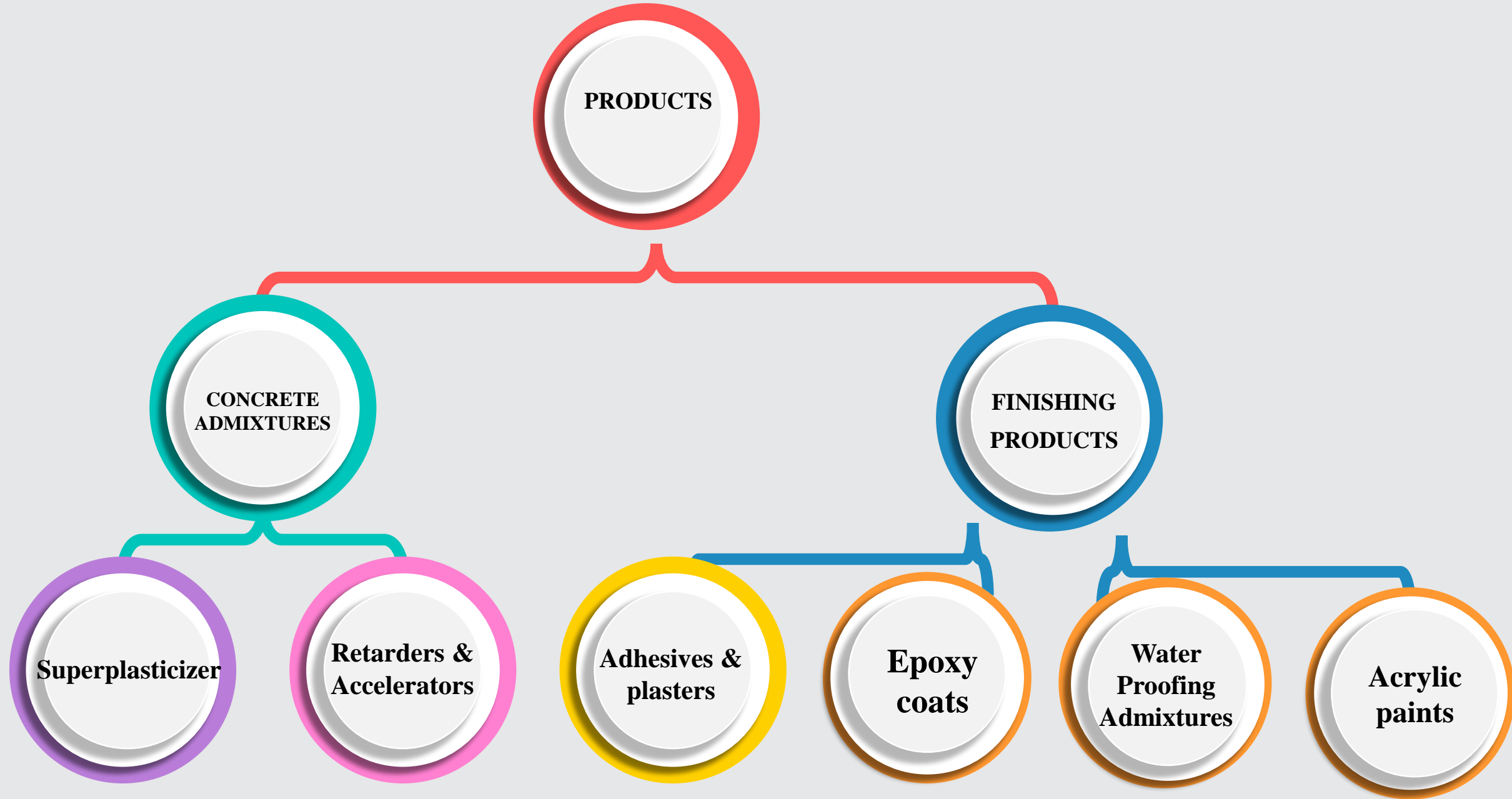
## **TOUGH BUILD CONSTRUCTION MATERIALS.**

**TOUGH BUILD (TBCM),an international company established in DJIBOUTI to manufacture construction materials products, particularly concrete admixtures, finishing products, epoxy systems and acrylic paints. is pleased to introduce a very vital construction chemicals and materials to all Ready mixed Concrete Suppliers as well as to all civil contractors. It's success is based on its powerful combination of German technical Know-How with market Knowledge.**



**TOUGH BUILD (TBCM) success is established with powerful combination of German technical Know-How with market Knowledge. The company is managed with high professional experienced engineers in quality production and problem-solving capabilities.**

# TOUGH BUILD CONSTRUCTION MATERIALS



# Concrete admixtures

## ■ TOUGHplast 100 ■

TP100 is accelerator naphthalene sulfonate-based liquid superplasticizer that is designed to enhance the workability of concrete mixes. It offers good slump retention properties without affecting the setting time.

## ■ TOUGHplast 150 ■

TP100 High Rang water Reducing Superplasticizer for high workability. Set Controlling & superior strength concrete.

## ■ TOUGH TP10 ■

TP10 is a blend of refined Lignosulponates and high molecular weight hydration control agent. It is a highly effective plasticizer for Ready-Mixed Concrete with high workability retention requirements.

01



02



03





## Tile Adhesive

TA10, TA20, TA30 High quality tile adhesives for all types of Tiles and applications.

## Tile grout

TTG is a multi featured tile grout dry pre mix, waterproof cement based tile filler for internal and external use.

# Adhesives & plasters

## Putty

TB GP, TB WB, are pre mix fine sand cement mortar for internal and external use, can be used for thin coat plasters.

## Repairing Mortars

TRM1, TRM2, TRM3 are Products Ready to use repairing mortars to repair structures, it contains specially selected materials to provide smooth, repaired surface.

## Decorative plasters

TDP1, TDP2, TDP3 are a dry pre mix, heavy or light textured finishing coats, it is a roller application for internal and external finishes.

## Bonding agent SBR

TOUGH SBR is styrene butadiene rubber based bonding aid for mortars, renders and concrete.

# TOUGH TP107



- ✓ Commonly Known as “Accelerator”
- ✓ It is mostly used to attain the final strength at 7<sup>th</sup> day and Remove formwork Early.
  - ✓ Price – 000/u (B/TB)

For c-30 = 360kg/m<sup>3</sup>  
360 kg/m<sup>3</sup> \* 1kg/m<sup>3</sup> \* 000/kg

➤ 000 birr per m<sup>3</sup>  
Assuming the thickness of the slab is 15 cm price of TP100= 000 \* 0.15  
= /m<sup>2</sup>

➤ Compare it with price of formwork.

## EPOXY COATS



**High  
penetrating  
epoxy  
based  
primer and  
sealer**

**High  
performance  
epoxy coating  
system for  
steel and  
concrete**

**1-3, 3-6mm  
self smoothing  
high  
performance  
epoxy flooring  
systems**

**Heavy duty  
abrasion and  
chemical  
epoxy floor  
screeds**



## Acrylic paints

### **TB PAINT 01**

Interior and exterior wall paints

### **TB PAINT 02**

Paints on metallic objects

### **TB PAINT 03**

High quality quartz paints

### **TB 04**

Varnish and primer



# COMPARISION OF CEMENTSTAION PRODUCTS



COMPANY NAME	EQUIVALENT PRODUCTS		
TOUGH BUILD CONSTRUCTION MATERIALS	TOUGH TA 10	TOUGH TA 20	TOUGH TA 30
Saint Gobain Weber	Weber Colfix	Webercol pluss	Weber prenum
Sementer Chemicals Manufacturing PLC	SE-400	SG-600	SG- 800
MC-Bauchenie	MC-189 ET	MC-M500	MC- M800
SiKa	Siraceram 50	Siracran 105	Siracare 200



## TOUGH TA 10

**Application Area –  
Internal floors**

**Site- Standard Size**

**Type- Cenancur &  
porcelain**

**Substrate – Port  
land concert**

**Thickness > 8mm**



## TOUGH TA 20

**Application Area –  
Internal wet & dry  
rooms was & floor**

**Site- Standard Site**

**Type-Ceramic and  
porcelain**

**Substrate- Portland  
Concert**

**Thickness- 2.8mm**



## TOUGH TA 20

**Application Area –  
Internal & External**

**Site- <1.2m x 1.2m**

**Type – Ceramic 8 nit  
glass Mascara etc.**

**Thickness – 3.8mm**



Enhance  
Your **Concrete**



## **CURING COMPOUND**

**TBCC01**  
General propose  
curing compound  
and surface sealer



# **WATER PROOFING**

**TOUGH PROOF 02**  
Flexible  
Cementitious  
waterproofing

**TOUGH WPA01**  
Waterproofing  
Admixture for  
Concrete







Phone Number: 77 78 30 30

Whatsup : 0025370753777

Email: [Bader@TBCMcom.com](mailto:Bader@TBCMcom.com)

Email: [info@TBCM.com](mailto:info@TBCM.com)

Address: PK 23 1km from china free zone beside markaz.

Djibouti



**Factory Address: PK 23 1km from china free zone beside markaz. Djibouti**

