SINCE 1934

# TECHNO bit

TECHNOLOGY OF INSULATING MATERIALS



# KOLLATIK

REINFORCED SELF ADHESIVE MEMBRANES

HIGH QUALITY **REINFORCED**
SELF ADHESIVE MEMBRANE

## THE WISE CHOICE


+20 222 394 167

sales@technogroup-egypt.com
admin@technogroup-egypt.com

+2 010 2771 4174

**FACTORY**
Zero/ 157 A , Kilo17 - Misr / Bilbis road
El-Mohandsen El-Arab Association,
Al Sharqia, Egypt.

**HEAD OFFICE**
60-Mahmasha Street Al-Shrabya,
Cairo - Egypt.


**MADE IN EGYPT**

WWW.TECHNOGROUP-EGYPT.COM

## Description

**TECHNOBIT KOLLATIK** is a self adhesive waterproofing membrane modified with a high quality Adhesive Bituminous compound & reinforced with extra thin polyester carrier.

## Major Features

- Easy to use ( Self Adhesive ).
- Excellent resistance to chlorides, sulphates, alkalis and acids.
- Environmentally Friendly ( No Waste ).
- Safe Application ( Flameless ).
- Fast Application.
- Excellent resistance to water & vapor.
- Excellent tear and puncture resistance.
- Excellent adhesion to vertical and horizontal surfaces.
- Excellent tensile strength in both longitudinal and transverse direction.

## Uses

- Underlayment or Intermediate layer in multilayer roofing system.
- Single layer in a ballasted roofing system.
- Single layer in roofing or re-roofing works for flat & sloped roofs.
- Top layer in ballasted multilayer roofing system.
- CapSheet in single layer exposed roofing system (Minearal Versions).

## Surface Finish


Release Film


Plain ( HDPE )


Green Slates


Treate / Natural Grey Slates


Red Slates


Fine Sand

## Versions

| Thickness | 1.5 mm |
|---|---|
| | 2 mm |
| | 2.5 mm |
| | 3 mm |
| | 3.5 mm |

| Length | 10 Meter |
|---|---|
| | 15 Meter |
| | 20 Meter |

| Width | 1 Meter |
|---|---|

## Storage

- Varies with product and climatic conditions but is usually in excess of 12 months.
- Keep out of direct sunlight.

# KOLLATIK

## High Quality Reinforced Self Adhesive Membrane

| Test<br>الإختبار | Unit<br>وحدة القياس | Test Method<br>طريقة الإختبار | Typical Values<br>القيم النموذجية | | | | |
|---|---|---|---|---|---|---|---|
| **Thickness**<br>السمك | **mm** | **EN-1849-1** | **1.5** | **2** | **2.5** | **3** | **3.5** |
| **Width**<br>العرض | **m** | **EN-1848-1** | **1** | | | | |
| **Length**<br>الطول | **m** | **EN-1848-1** | **10** | | **15** | **20** | |
| **Straightness**<br>درجة إستواء السطح ( الإستقامة ) | **mm** | **EN-1848-1** | **20** | | | | |
| **Tensile Strength (MAX)**<br>مقاومة الشد القصوى | | | | | | | |
| ***Longitudinal طوليا"*** | **N/5cm** | **EN-12311-1** | **450** | | | | |
| ***Transverse عرضيا"*** | **N/5cm** | **EN-12311-1** | **350** | | | | |
| **Elongation @ Break**<br>أقصى معدل للإستطالة | | | | | | | |
| ***Longitudinal طوليا"*** | **%** | **EN-12311-1** | **35** | | | | |
| ***Transverse عرضيا"*** | **%** | **EN-12311-1** | **40** | | | | |
| **Tearing Strength ( Nail-Shank )**<br>مقاومة التمزق | | | | | | | |
| ***Longitudinal طوليا"*** | **N** | **EN-12310-1** | **150** | | | | |
| ***Transverse عرضيا"*** | **N** | **EN-12310-1** | **150** | | | | |
| **Resistance to static loading**<br>مقاومة الاختراق الإستاتيكي | **KG** | **EN 12730 Method A** | **10** | | | | |
| **Resistance to Impact loading**<br>مقاومة الإختراق الديناميكي | **mm** | **EN 12691 Method B** | **400** | | | | |
| **Flow resistance @ ElevatedTemperature**<br>الثبات عند درجات الحرارة العالية | **°C** | **ASTM D-5147, EN-1110** | **90** | | | | |
| **Cold Temperature Flexibility**<br>المرونة عند درجات الحرارة المنخفضة | **°C** | **ASTM D-5147, EN-1109** | **-20** | | | | |
| **Dimensional Stability**<br>ثبات الأبعاد | | | | | | | |
| ***Longitudinal طوليا"*** | **%** | **EN-1107-1 Method B** | **± 0.4** | | | | |
| ***Transverse عرضيا"*** | **%** | **EN-1107-1** | **± 0.4** | | | | |
| **Water Tightness**<br>مقاومة نفاذية الماء | **Kpa** | **EN-1928:2000** | **60** | | | | |
| **Vapour Permeability**<br>نفاذية بخار الماء | **μ** | **UNI 8202/23 , EN1931** | **20000** | | | | |
| **Shear resistance of joints** | | | | | | | |
| ***End lap*** | **N/5cm** | **EN 12317-1** | **450** | | | | |
| ***Side lap*** | **N/5cm** | **EN 12317-1** | **350** | | | | |
| **Peel resistance of joints** | **N/50mm** | **EN 12316-1** | **-** | | | | |
| **Durability** | **°C** | **EN1296, EN 1110** | **80** | | | | |
| **Adhesion of Granules** | **%** | **EN12039** | **30** | | | | |
| **Visible Defects** | **-** | **EN 1850-1** | **Pass** | | | | |
| **Root Resistance** | **-** | **EN 13948** | **-** | | | | |
| **Dangerous Substances** | **-** | **-** | **Free** | | | | |
| **Fire Classification - Extemal Fire Performance**<br>تصنيف الحريق - أداء الحريق الخارجي | **Class** | **EN 13501-5** | **F** | | | | |
| **Reaction to fire**<br>التعامل مع الحريق | **Class** | **EN 13501-1** | **F** | | | | |

**TECHNOBIT** products are tested at random intervals by independent laboratories to international standards and the results of these tests are available on request. In addition,each batch manufactured is subject to strict quality control procedures to ensure it meets appropriate and applicable standards and/or norms.

- Tolerances for the above values if not mentioned are according to the UEAtc directives.
- Exact values depend on thickness of the product.
- Product Technical specifications may be updated by **TechnoBit** without prior notice.
- Issue Date of this Technical Data Sheet is **JAN / 2026**
  The Information Provided by This Issue Cancels Any Previous Issues.

ISO 9001 OHSAS 18001 ISO 14001