



KÖSTER TPO General Tenders

<u>2001 TPO16-GREE</u> m ²	KÖSTER TPO 1.6 with green roof
<u>2002 TPO16-GRAV</u> m ²	KÖSTER TPO 1.6 with gravel
<u>2003 TPO16-MECH</u> m ²	KÖSTER TPO 1.6 mechanically fastened
<u>2011 TPO18-GREE</u> m ²	KÖSTER TPO 1.8 with green roof
<u>2012 TPO18-GRAV</u> m ²	KÖSTER TPO 1.8 with gravel
<u>2013 TPO18-MECH</u> m ²	KÖSTER TPO 1.8 mechanically fastened
<u>2021 TPO20-GREE</u> m ²	KÖSTER TPO 2.0 with green roof
<u>2022 TPO20-GRAV</u> m ²	KÖSTER TPO 2.0 with gravel
<u>2023 TPO18-MECH</u> m ²	KÖSTER TPO 2.0 mechanically fastened
<u>2031 TPO15-GREE</u> m ²	KÖSTER TPO 1.5 with green roof
<u>2032 TPO15-GRAV</u> m ²	KÖSTER TPO 1.5 with gravel
<u>2033 TPO15-MECH</u> m ²	KÖSTER TPO 1.5 mechanically fastened
<u>2401 TPO15-SKFR</u> m ²	KÖSTER TPO 1.5 SK (FR) self-adhesive
<u>2901 TPO F-HEAD</u> m ²	KÖSTER TPO end connection
<u>2902 TPOSK-HEAD</u> m ²	KÖSTER TPO SK (FR) end connection

2001 TPO16-GREE m²

KÖSTER TPO 1.6 with green roof

KÖSTER TPO 1.6 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,6

Color: light grey and white (SRI 106)

Thickness: 1,6 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health, water, soil, plants
- Recyclable
- Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
- Large welding window 350°C - 620°C
- No seam preparation necessary!
- The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.

Application by loose laying with ballast of green roof according DIN EN 1991-1-4

- Homogeneous seam bonding with hot air welding

Other colors and lengths available on request!

2002 TPO16-GRAV m²

KÖSTER TPO 1.6 with gravel

KÖSTER TPO 1.6 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,6

Color: light grey and white (SRI 106)

Thickness: 1,6 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health, water, soil, plants

- Recyclable
 - Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
 - Large welding window 350°C - 620°C
 - No seam preparation necessary!
 - The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.
- Application by loose laying with ballast of gravel according DIN EN 1991-1-4
- Homogeneous seam bonding with hot air welding
- Other colors and lengths available on request!

2003 TPO16-MECH m²

KÖSTER TPO 1.6 mechanically fastened

KÖSTER TPO 1.6 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,6

Color: light grey and white (SRI 106)

Thickness: 1,6 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
 - Roots and rhizome resistance, tested according to FLL
 - High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
 - Resistance to hail according to DIN EN 13583
 - Harmless to health,water,soil,plants
 - Recyclable
 - Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
 - Large welding window 350°C - 620°C
 - No seam preparation necessary!
 - The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.
- Following the manufacturer's instruction loosely laid and mechanically fastened in the seam overlap according DIN EN 1991-1-4 with approved fasteners.
- Homogeneous seam bonding with hot air welding
- Other colors and lengths available on request!

2011 TPO18-GREE m²

KÖSTER TPO 1.8 with green roof

KÖSTER TPO 1.8 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,8

Color: light grey and white (SRI 106)

Thickness: 1,8 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health,water,soil,plants
- Recyclable
- Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
- Large welding window 350°C - 620°C
- No seam preparation necessary!
- The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.

Application by loose laying with ballast of green roof according DIN EN 1991-1-4

- Homogeneous seam bonding with hot air welding

Other colors and lengths available on request!

2012 TPO18-GRAV m²

KÖSTER TPO 1.8 with gravel

KÖSTER TPO 1.8 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,8

Color: light grey and white (SRI 106)

Thickness: 1,8 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health,water,soil,plants
- Recyclable
- Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions

- Large welding window 350°C - 620°C
 - No seam preparation necessary!
 - The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.
- Application by loose laying with ballast of gravel according DIN EN 1991-1-4
- Homogeneous seam bonding with hot air welding
- Other colors and lengths available on request!

2013 TPO16-MECH m²

KÖSTER TPO 1.6 mechanically fastened

KÖSTER TPO 1.8 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,8

Color: light grey and white (SRI 106)

Thickness: 1,8 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
 - Roots and rhizome resistance, tested according to FLL
 - High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
 - Resistance to hail according to DIN EN 13583
 - Harmless to health, water, soil, plants
 - Recyclable
 - Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
 - Large welding window 350°C - 620°C
 - No seam preparation necessary!
 - The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.
- Following the manufacturer's instruction loosely laid and mechanically fastened in the seam overlap according DIN EN 1991-1-4 with approved fasteners.

- Homogeneous seam bonding with hot air welding

Other colors and lengths available on request!

2021 TPO20-GREE m²

KÖSTER TPO 2.0 with green roof

KÖSTER TPO 2.0 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-2,0

Color: light grey and white (SRI 106)

Thickness: 2,0 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health,water,soil,plants
- Recyclable
- Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
- Large welding window 350°C - 620°C
- No seam preparation necessary!
- The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.

Application by loose laying with ballast of green roof according DIN EN 1991-1-4

- Homogeneous seam bonding with hot air welding

Other colors and lengths available on request!

2022 TPO20-GRAV m²

KÖSTER TPO 2.0 with gravel

KÖSTER TPO 2.0 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-2,0

Color: light grey and white (SRI 106)

Thickness: 2,0 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health,water,soil,plants
- Recyclable
- Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
- Large welding window 350°C - 620°C
- No seam preparation necessary!
- The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.

Application by loose laying with ballast of gravel according DIN EN 1991-1-4

- Homogeneous seam bonding with hot air welding

Other colors and lengths available on request!

2023 TPO20-MECH m²

KÖSTER TPO 2.0 mechanically fastened

KÖSTER TPO 2.0 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-2,0

Color: light grey and white (SRI 106)

Thickness: 2,0 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health, water, soil, plants
- Recyclable
- Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
- Large welding window 350°C - 620°C
- No seam preparation necessary!
- The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.

Following the manufacturer's instruction loosely laid and mechanically fastened in the seam overlap according DIN EN 1991-1-4 with approved fasteners.

- Homogeneous seam bonding with hot air welding

Other colors and lengths available on request!

2031 TPO15-GREE m²

KÖSTER TPO 1.5 with green roof

KÖSTER TPO 1.5 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,5

Color: light grey and white (SRI 106)

Thickness: 1,5 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)

- Roots and rhizome resistance, tested according to FLL
 - High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
 - Resistance to hail according to DIN EN 13583
 - Harmless to health,water,soil,plants
 - Recyclable
 - Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
 - Large welding window 350°C - 620°C
 - No seam preparation necessary!
 - The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.
- Application by loose laying with ballast of green roof according DIN EN 1991-1-4
- Homogeneous seam bonding with hot air welding
- Other colors and lengths available on request!

2032 TPO15-GRAV m²

KÖSTER TPO 1.5 with gravel

KÖSTER TPO 1.5 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,5

Color: light grey and white (SRI 106)

Thickness: 1,5 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
 - Roots and rhizome resistance, tested according to FLL
 - High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
 - Resistance to hail according to DIN EN 13583
 - Harmless to health,water,soil,plants
 - Recyclable
 - Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
 - Large welding window 350°C - 620°C
 - No seam preparation necessary!
 - The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.
- Application by loose laying with ballast of gravel according DIN EN 1991-1-4
- Homogeneous seam bonding with hot air welding
- Other colors and lengths available on request!

2033 TPO15-MECH m²

KÖSTER TPO 1.5 mechanically fastened

KÖSTER TPO 2.0 roofing and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene, Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece according to EN 13956 and SPEC 20.000-201: DE/E1-TPO-BV-E-GV-1,5

Color: light grey and white (SRI 106)

Thickness: 1,5 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)
- Roots and rhizome resistance, tested according to FLL
- High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
- Resistance to hail according to DIN EN 13583
- Harmless to health, water, soil, plants
- Recyclable
- Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
- Large welding window 350°C - 620°C
- No seam preparation necessary!
- The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes.

Following the manufacturer's instruction loosely laid and mechanically fastened in the seam overlap according DIN EN 1991-1-4 with approved fasteners.

- Homogeneous seam bonding with hot air welding

Other colors and lengths available on request!

2401 TPO15-SKFR m²

KÖSTER TPO 1.5 SK (FR) self-adhesive

KÖSTER TPO 1,5 SK (FR) Self adhesive roof - and waterproofing membrane, single-ply, UV-stable, free of softeners and chlorine, halogen-free, compatible with bitumen and polystyrene Thermoplastic Polyolefin (TPO) with centrally embedded glass fiber fleece and backside with special polyester fleece lamination with self-adhesive layer according to EN 13956 and SPEC 20.000-201: DE/E1-FPO-BV-E-GV-K-PV-1.5-SK (fire resistant) with increased flame retardants.

Color: light grey

Effective thickness: 1.5 mm

Total thickness: 1,85 mm

Other material properties:

- Uniform material quality (homogeneous upper and underside)

- Roots and rhizome resistance, tested according to FLL
 - High cold flexibility according to with DIN EN 495-5 folding at low temperatures < -50°C
 - Resistance to hail according to DIN EN 13583 - Harmless to health,water,soil,plants
 - Recyclable
 - Fulfills hard roof requirements (resistance against flying sparks and radiating heat) according to EN ISO 13501-5 classified Broof (T1) for tested roof constructions
 - Large welding window 350°C - 620°C
 - No seam preparation necessary!
 - The manufacturer has min. 25 years of experience in the manufacturing of roofing membranes. Self-adhesive installation according the manufacturer's instructions.
 - Homogeneous seam welding with hot air
- Other colors and lengths available on request!

2901 TPO F-HEAD m²

KÖSTER TPO end connection

Welding the membrane end connections with strips of KÖSTER TOP 250 mm in case of waterproofing with KÖSTER TPO F roofing membranes.

2902 TPO SK-HEAD m²

KÖSTER TPO SK (FR) end connection

Welding the membrane end connections with strips of KÖSTER TOP 250 mm in case of waterproofing with KÖSTER TPO SK (FR) roofing membranes.