

REGENAU

GENAU WENN ES REGNET

PVC/PMMA GUTTER SYSTEM
HR 125 - 100/80 MM

TÜVRheinland CERTIFIED
Management System ISO 9001:2015
www.tuv.com ID 9105046246

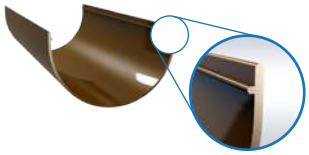
System REGENAU



System REGENAU is a product, result of development and experience of leading specialists and engineers from the EU. As a result of these efforts, was created a roof drainage system that combines the latest polymer technology and innovative design solutions that endow it with a number of advantages of similar products. The whole production process is continuously monitored, meeting all European standards and requirements.

The optimally chosen operating parameters of system REGENAU, makes it suitable for a wide range from small cottages to large administrative and industrial buildings.

SYSTEM ADVANTAGES



Durable, symetrical gutter profile

A thickened, state-of-the-art gutter profile with high mechanical strength and resistance to permanent deformation.



Reliable, «double-t» bracket construction

Allows the product to bear the weight of very high impact loads.



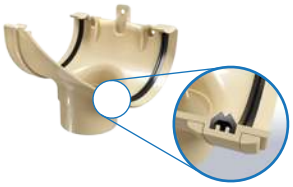
Custom solutions

The adjustable angle makes the system suitable for installation on roofs with custom design.



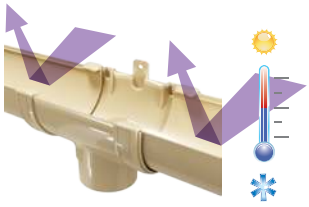
Versatility

The combination of the halfround gutter - 125 mm and pipe system size options of Ø80 or Ø100 makes the system compatible with more than 84 % of the roofs.



Efficient drainage capacities

The tight silicone gaskets perfectly lining each connecting element contributes to the highly efficient drainage capacities of system REGENAU.



UV rays and temperature resistance

The newly-developed polymer has proven resistance indicators to the action of the UV rays, agressive chemicals and extreme temperature fluctuations.



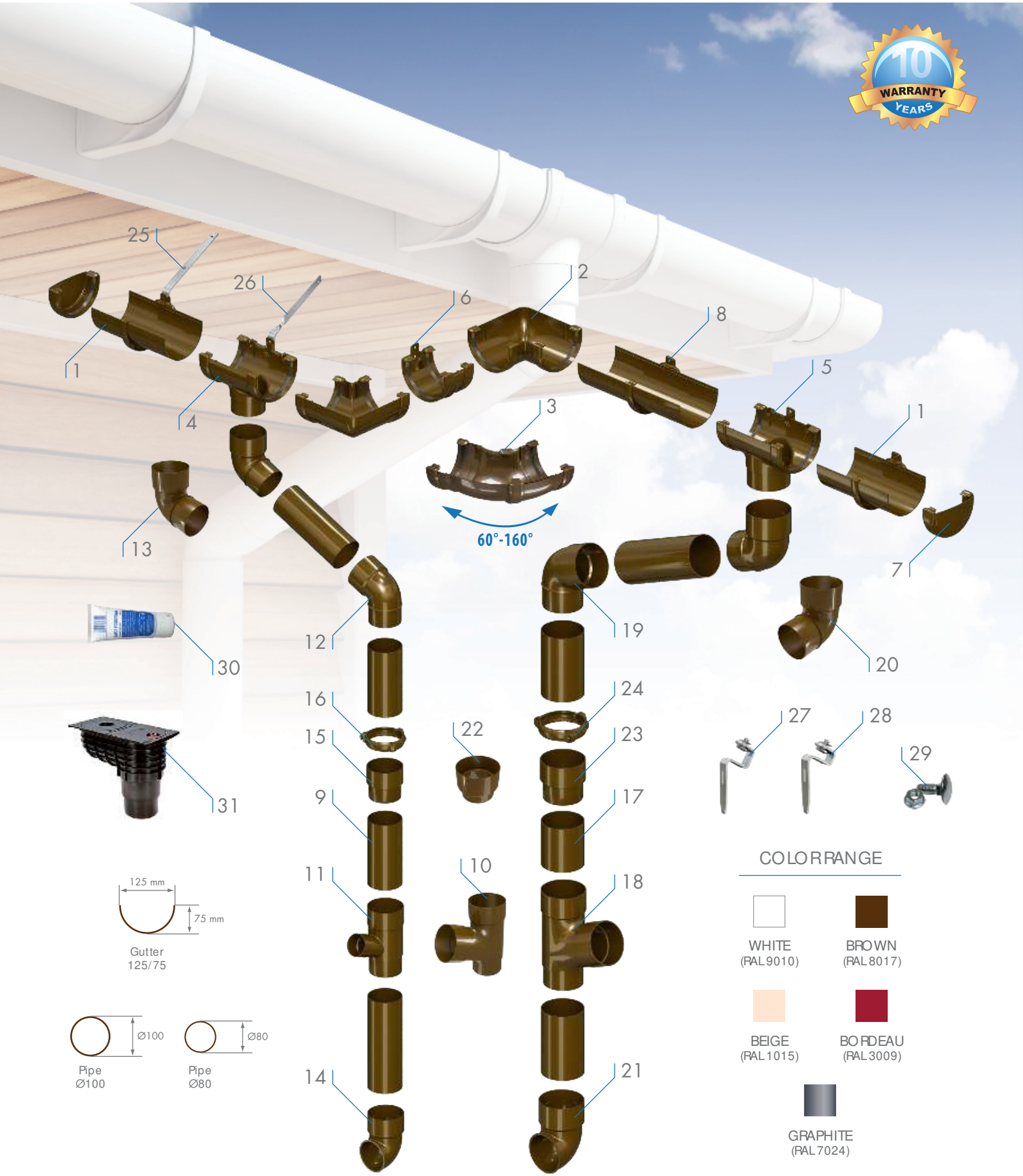
Quick and easy installation

All gutter components are attached trough a fast and reliable single -click mechanism- eliminating the need of specialized tools.



Warranty

All components of system REGENAU come with warranty subject to the warranty policy and proper installation works.


10 WARRANTY YEARS
25
26
2
6
8
5
1
4
3
1
60°-160°
13
7
12
19
30
20
16
24
22
27
28
15
23
29
9
17
31
11
10
18
125 mm
75 mm
Gutter
125/75
Ø100
Ø80
Pipe
Ø100
Pipe
Ø80
14
21
COLOR RANGE
WHITE
(RAL 9010)
BROWN
(RAL 8017)
BEIGE
(RAL 1015)
BORDEAU
(RAL 3009)
GRAPHITE
(RAL 7024)

REGENAU 125/75



Gutter 125/75

PE foil/ 10 pcs.



Gutter angle 90°

16 pcs./ box



Adjust. angle 60°-160°

8 pcs./ box



Running outlet Ø80

20 pcs./ box



Running outlet Ø100

15 pcs./ box



Gutter union

20 pcs./ box



Gutter stopend

18 pcs./ box



Gutter fascia bracket

100 pcs./ box

PIPE Ø80



Pipe Ø80

PE foil/ 4 pcs.



Branch 67.5° Ø80

20 pcs./ box



Branch 67.5° Ø80/Ø50

12 pcs./ box



Bend 67.5° Ø80

20 pcs./ box



Bend 87.5° Ø80

20 pcs./ box



Ending bend Ø80

8 pcs./ box



Pipe connector Ø80

20 pcs./ box



Pipe bracket Ø80

100 pcs./ box

PIPE Ø100



Pipe Ø100

PE foil/ 4 pcs.



Branch 67.5° Ø100

10 pcs./ box



Bend 67.5° Ø100

20 pcs./ box



Bend 87.5° Ø100

20 pcs./ box



Ending bend Ø100

9 pcs./ box



Reduction socket Ø100/Ø80

25 pcs./ box



Pipe connector Ø100

20 pcs./ box



Pipe bracket Ø100

50 pcs./ box

ACCESSORIES



Rafter brackets
(25) Top
(26) Side

100 pcs./ box



Bracket adaptors
(27) for tile
(28) for bitumen roofing

90 pcs./ box



Bolt and nut
for brackets

500 pcs./ box



Lubricant

30 pcs./ box



Universal Gully

1 pcs./ box

Gutter 125/75

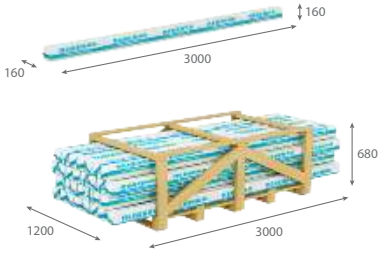


3 M

WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903155	3800150953150	10	26	21,4/605
3800150905654	3800150955659	10	26	21,4/605
3800150903926	3800150953921	10	26	21,4/605
3800150903636	3800150953631	10	26	21,4/605
3800150903391	3800150953396	10	26	21,4/605
3800150905302	3800150955307	10	26	21,4/556,4

Packaging Units (mm)



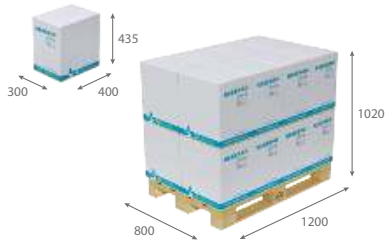
Gutter angle 90°



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903162	3800150953167	16	16	4,42/85,7
3800150905661	3800150955666	16	16	4,42/85,7
3800150903933	3800150953938	16	16	4,42/85,7
3800150903643	3800150953648	16	16	4,42/85,7
3800150903407	3800150953402	16	16	4,42/85,7
3800150905357	3800150955352	16	16	3,01/48,2

Packaging Units (mm)



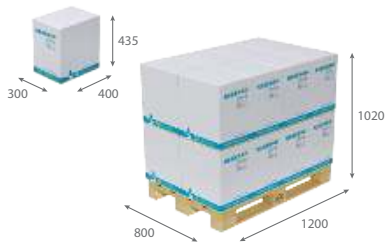
Adjustable angle 60°- 160°



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903384	3800150953389	8	16	4,37/84,87
3800150905883	3800150955888	8	16	4,37/84,87
3800150904152	3800150954157	8	16	4,37/84,87
3800150903865	3800150953860	8	16	4,37/84,87
3800150903629	3800150953624	8	16	4,37/84,87
3800150905319	3800150955314	8	16	2,96/47,44

Packaging Units (mm)



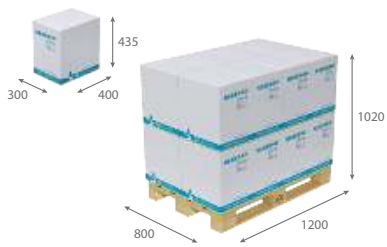
Running outlet Ø80



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903179	3800150953174	20	16	5,38/101,2
3800150905678	3800150955673	20	16	5,38/101,2
3800150903940	3800150953945	20	16	5,38/101,2
3800150903650	3800150953655	20	16	5,38/101,2
3800150903414	3800150953419	20	16	5,38/101,2
3800150905265	3800150955260	20	16	4,69/75

Packaging Units (mm)



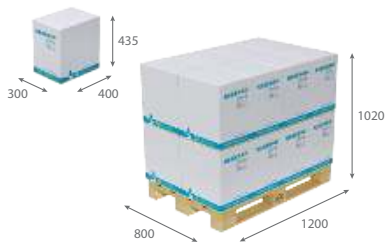
Running outlet Ø100



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903186	3800150953181	15	16	4,59/88,5
3800150905685	3800150955680	15	16	4,59/88,5
3800150903957	3800150953952	15	16	4,59/88,5
3800150903667	3800150953662	15	16	4,59/88,5
3800150903421	3800150953426	15	16	4,59/88,5
3800150905258	3800150955253	15	16	3,7/59,35

Packaging Units (mm)



KEY

EAN-13 Item EAN-13 | EAN-13 Packaging EAN-13 | Items in a box (pcs.) | Packages on a pallet (pcs.) | Weight package/ pallet (kg)

REGENAU

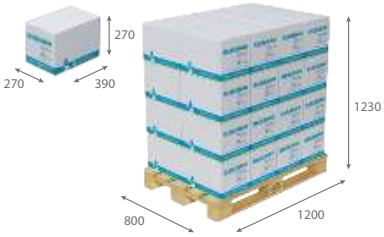
Gutter union



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903193	3800150953198	20	32	3,44/125,3
3800150905692	3800150955697	20	32	3,44/125,3
3800150903964	3800150953969	20	32	3,44/125,3
3800150903674	3800150953679	20	32	3,44/125,3
3800150903438	3800150953433	20	32	3,44/125,3
3800150905241	3800150955246	20	32	2,76/88,33

Packaging Units (mm)



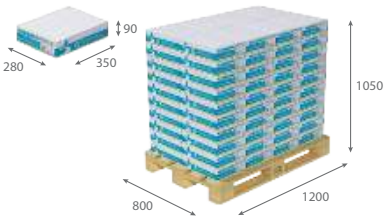
Gutter stopend



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903209	3800150953204	18	80	1,68/149,9
3800150905708	3800150955703	18	80	1,68/149,9
3800150903971	3800150953976	18	80	1,68/149,9
3800150903681	3800150953686	18	80	1,68/149,9
3800150903445	3800150953440	18	80	1,68/149,9
3800150905272	3800150955277	18	80	1,57/125,6

Packaging Units (mm)



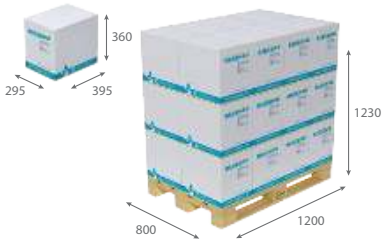
Gutter fascia bracket



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903216	3800150953211	100	24	5,7/145,2
3800150905715	3800150955710	100	24	5,7/145,2
3800150903988	3800150953983	100	24	5,7/145,2
3800150903698	3800150953693	100	24	5,7/145,2
3800150903452	3800150953457	100	24	5,7/145,2
3800150905234	3800150955239	100	24	4,56/109,6

Packaging Units (mm)



Pipe Ø80

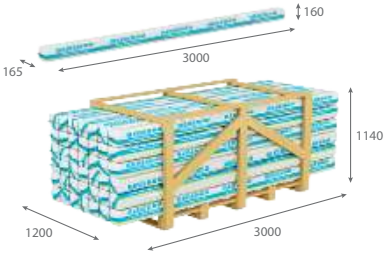


3 M

WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903223	3800150953228	4	42	7,81/397
3800150905722	3800150955727	4	42	7,81/397
3800150903995	3800150953990	4	42	7,81/397
3800150903704	3800150953709	4	42	7,81/397
3800150903469	3800150953464	4	42	7,81/397
3800150905296	3800150955291	4	42	7,82/328,4

Packaging Units (mm)



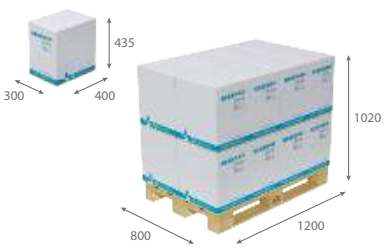
Branch 67.5° Ø80



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903285	3800150953280	20	16	4,87/92,9
3800150905784	3800150955789	20	16	4,87/92,9
3800150904053	3800150954058	20	16	4,87/92,9
3800150903766	3800150953761	20	16	4,87/92,9
3800150903520	3800150953525	20	16	4,87/92,9
3800150905333	3800150955338	20	16	3,72/59,5

Packaging Units (mm)



KEY

EAN-13 Item EAN-13	EAN-13 Packaging EAN-13	Items in a box (pcs.)	Packages on a pallet (pcs.)	Weight package/ pallet (kg)

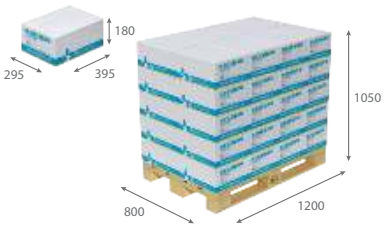
Branch 67.5° Ø80/Ø50



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903292	3800150953297	12	40	1,99/94,4
3800150905791	3800150955796	12	40	1,99/94,4
3800150904060	3800150954065	12	40	1,99/94,4
3800150903773	3800150953778	12	40	1,99/94,4
3800150903537	3800150953532	12	40	1,99/94,4
3800150905340	3800150955345	12	40	1,61/64,32

Packaging Units (mm)



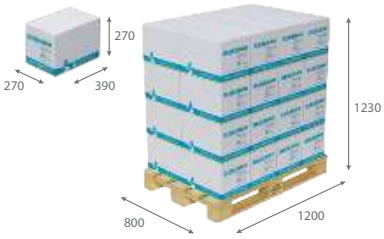
Bend 67.5° Ø80



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903254	3800150953259	20	32	2,62/98,8
3800150905753	3800150955758	20	32	2,62/98,8
3800150904022	3800150954027	20	32	2,62/98,8
3800150903735	3800150953730	20	32	2,62/98,8
3800150903490	3800150953495	20	32	2,62/98,8
3800150905135	3800150955130	20	32	2,17/69,63

Packaging Units (mm)



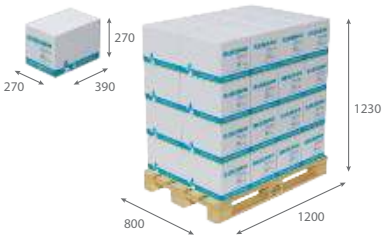
Bend 87.5° Ø80



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903261	3800150953266	20	32	2,78/103,8
3800150905760	3800150955765	20	32	2,78/103,8
3800150904039	3800150954034	20	32	2,78/103,8
3800150903742	3800150953747	20	32	2,78/103,8
3800150903506	3800150953501	20	32	2,78/103,8
3800150905159	3800150955154	20	32	2,37/76

Packaging Units (mm)



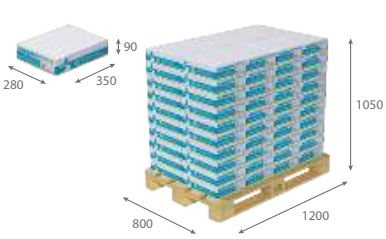
Ending bend Ø80



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903278	3800150953273	8	80	0,99/94,4
3800150905777	3800150955772	8	80	0,99/94,4
3800150904046	3800150954041	8	80	0,99/94,4
3800150903759	3800150953754	8	80	0,99/94,4
3800150903513	3800150953518	8	80	0,99/94,4
3800150905173	3800150955178	8	80	0,83/66,5

Packaging Units (mm)



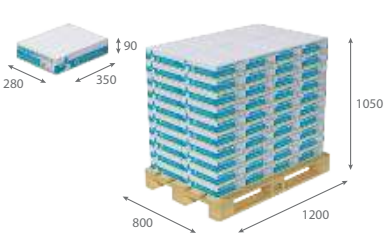
Pipe connector Ø80



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903247	3800150953242	20	80	1,61/144
3800150905746	3800150955741	20	80	1,61/144
3800150904015	3800150954010	20	80	1,61/144
3800150903728	3800150953723	20	80	1,61/144
3800150903483	3800150953488	20	80	1,61/144
3800150905197	3800150955192	20	80	1,31/105,28

Packaging Units (mm)



KEY

EAN-13 Item EAN-13
EAN-13 Packaging EAN-13
Items in a box (pcs.)
Packages on a pallet (pcs.)
Weight package/ pallet (kg)

REGENAU

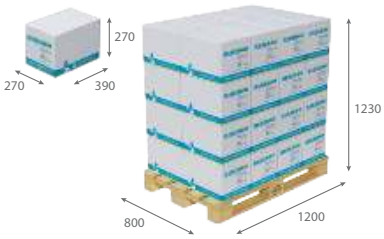
Pipe bracket Ø80



- WHITE
- GRAPHITE
- BEIGE
- BROWN
- BORDEAU
- COPPER

EAN-13	EAN-13			kg
3800150903230	3800150953235	100	32	3,99/142,6
3800150905739	3800150955734	100	32	3,99/142,6
3800150904008	3800150954003	100	32	3,99/142,6
3800150903711	3800150953716	100	32	3,99/142,6
3800150903476	3800150953471	100	32	3,99/142,6
3800150905227	3800150955222	100	32	3,06/97,98

Packaging Units (mm)



Pipe Ø100

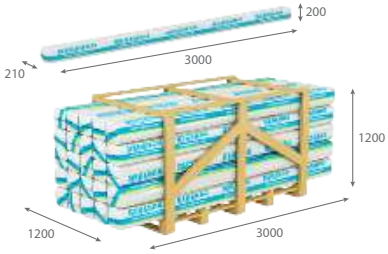


3 M

- WHITE
- GRAPHITE
- BEIGE
- BROWN
- BORDEAU
- COPPER

EAN-13	EAN-13			kg
3800150903308	3800150953303	4	25	11,6/343
3800150905807	3800150955802	4	25	11,6/343
3800150904077	3800150954072	4	25	11,6/343
3800150903780	3800150953785	4	25	11,6/343
3800150903544	3800150953549	4	25	11,6/343
3800150905289	3800150955284	4	25	11,72/293

Packaging Units (mm)



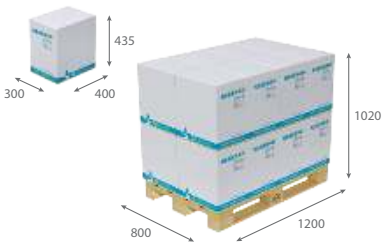
Branch 67.5° Ø100



- WHITE
- GRAPHITE
- BEIGE
- BROWN
- BORDEAU
- COPPER

EAN-13	EAN-13			kg
3800150903360	3800150953365	10	16	3,23/66,7
3800150905869	3800150955864	10	16	3,23/66,7
3800150904138	3800150954133	10	16	3,23/66,7
3800150903841	3800150953846	10	16	3,23/66,7
3800150903605	3800150953600	10	16	3,23/66,7
3800150905326	3800150955321	10	16	2,65/42,32

Packaging Units (mm)



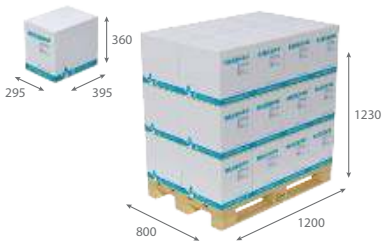
Bend 67.5° Ø100



- WHITE
- GRAPHITE
- BEIGE
- BROWN
- BORDEAU
- COPPER

EAN-13	EAN-13			kg
3800150903339	3800150953334	20	24	3,62/101,9
3800150905838	3800150955833	20	24	3,62/101,9
3800150904107	3800150954102	20	24	3,62/101,9
3800150903810	3800150953815	20	24	3,62/101,9
3800150903575	3800150953570	20	24	3,62/101,9
3800150905128	3800150955123	20	24	2,93/101,92

Packaging Units (mm)



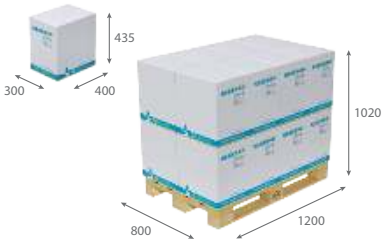
Bend 87.5° Ø100



- WHITE
- GRAPHITE
- BEIGE
- BROWN
- BORDEAU
- COPPER

EAN-13	EAN-13			kg
3800150903346	3800150953341	20	16	3,96/78,3
3800150905845	3800150955840	20	16	3,96/78,3
3800150904114	3800150954119	20	16	3,96/78,3
3800150903827	3800150953822	20	16	3,96/78,3
3800150903582	3800150953587	20	16	3,96/78,3
3800150905142	3800150955147	20	16	2,93/48,08

Packaging Units (mm)



KEY

EAN-13 Item EAN-13 | EAN-13 Packaging EAN-13 | Items in a box (pcs.) | Packages on a pallet (pcs.) | kg Weight package/ pallet (kg)

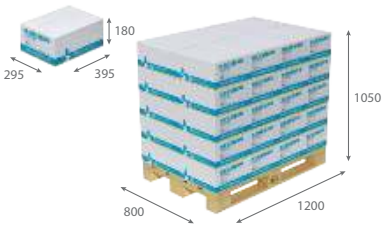
Ending bend Ø100



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903353	3800150953358	9	40	1,54/76,6
3800150905852	3800150955857	9	40	1,54/76,6
3800150904121	3800150954126	9	40	1,54/76,6
3800150903834	3800150953839	9	40	1,54/76,6
3800150903599	3800150953594	9	40	1,54/76,6
3800150905166	3800150955161	9	40	1,28/51,4

Packaging Units (mm)



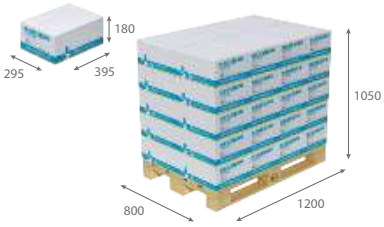
Reduction socket Ø100/Ø80



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903377	3800150953372	25	40	3,17/141,7
3800150905876	3800150955871	25	40	3,17/141,7
3800150904145	3800150954140	25	40	3,17/141,7
3800150903858	3800150953853	25	40	3,17/141,7
3800150903612	3800150953617	25	40	3,17/141,7
3800150905203	3800150955208	25	40	2,34/93,84

Packaging Units (mm)



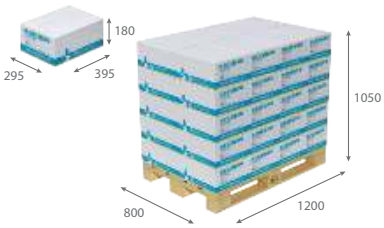
Pipe connector Ø100



WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903322	3800150953327	20	40	2,34/108,5
3800150905821	3800150955826	20	40	2,34/108,5
3800150904091	3800150954096	20	40	2,34/108,5
3800150903803	3800150953808	20	40	2,34/108,5
3800150903568	3800150953563	20	40	2,34/108,5
3800150905180	3800150955185	20	40	1,87/79,04

Packaging Units (mm)



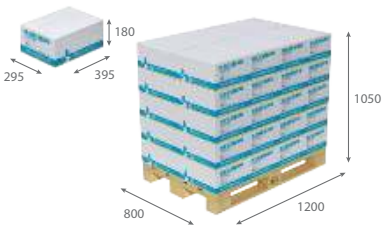
Pipe bracket Ø100



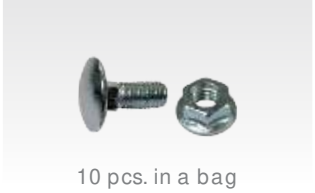
WHITE
GRAPHITE
BEIGE
BROWN
BORDEAU
COPPER

EAN-13	EAN-13			kg
3800150903315	3800150953310	50	40	3,82/167,7
3800150905814	3800150955819	50	40	3,82/167,7
3800150904084	3800150954089	50	40	3,82/167,7
3800150903797	3800150953792	50	40	3,82/167,7
3800150903551	3800150953556	50	40	3,82/167,7
3800150905210	3800150955215	50	40	2,89/115,68

Packaging Units (mm)



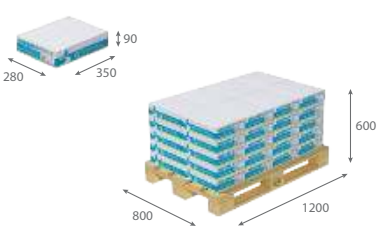
Bolt and nut M6x16 for brackets



10 pcs. in a bag

EAN-13	EAN-13			kg
3800150903919	3800150953914	50	40	4,93/212,1

Packaging Units (mm)



KEY

EAN-13 Item EAN-13
EAN-13 Packaging EAN-13
Items in a box (pcs.)
Packages on a pallet (pcs.)
Weight package/ pallet (kg)

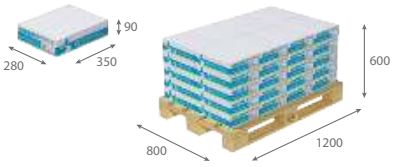
REGENAU

Top rafter bracket



EAN-13	EAN-13			kg
3800150903872	3800150953877	100	40	18,13/740,2

Packaging Units (mm)

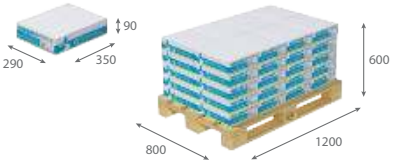


Side rafter bracket



EAN-13	EAN-13			kg
3800150903889	3800150953884	100	40	18/736

Packaging Units (mm)

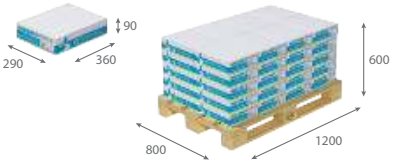


Bracket adaptor for bitumen roofing



EAN-13	EAN-13			kg
3800150903896	3800150953891	90	40	12,5/514,9

Packaging Units (mm)

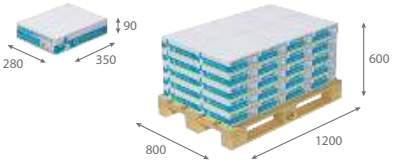


Bracket adaptor for tile



EAN-13	EAN-13			kg
3800150903902	3800150953907	90	40	13,39/550,9

Packaging Units (mm)

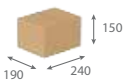


Lubricant



EAN-13	EAN-13			kg
3800150903148	3800150953143	30	42	8,17/355,2

Packaging Units (mm)

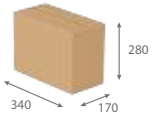


Universal Gully



EAN-13	EAN-13			kg
3800150904787	3800150954782	1		1,05/1,06

Packaging Units (mm)



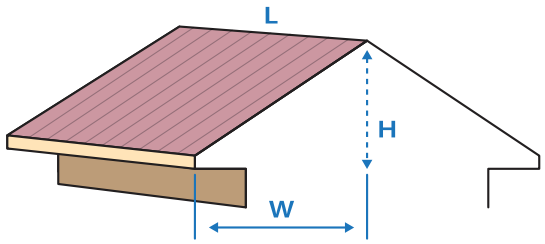
KEY

EAN-13 Item EAN-13 | EAN-13 Packaging EAN-13 | Items in a box (pcs.) | Packages on a pallet (pcs.) | kg Weight package/ pallet (kg)

DESIGN

The project of a roof drainage system should be prepared by an authorized designer, considering the requirements of EN 12056-3 and strictly following all national and local standards in building planning. The product is intended for rainwater harvesting from the roofs of residential, administrative and industrial buildings.

ATTENTION!
When the building is located in areas where formation of deep snow cover and/or ice are possible it is strongly advisable to use snow-retention elements to prevent the possible falling of ice/snow that will respectively inflict damage on people or property.



REGENAU 125 - FLOW RATES
All calculations acc. to EN 12056-3, based on rainfall intensity of 80 l/м2.h

	Outlet at the end	Outlet in the middle
with slope 8 mm/m	2,2 L/s 100 m2	4,4 L/s 200 m2
with slope 4 mm/m	1,9 L/s 85 m2	3,8 L/s 170 m2
horizontal	1,6 L/s 70 m2	3,2 L/s 140 m2

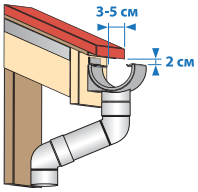
The effective surface of the roof - S can be calculated using the following formula: S=(W+H/2)L, where:
W - is the horizontal distance from the edge of the roof to the projection of the ridge,
H - is the roof height,
L - is the length of the roof.

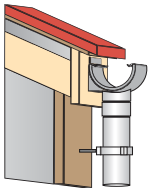
STORAGE AND HANDLING

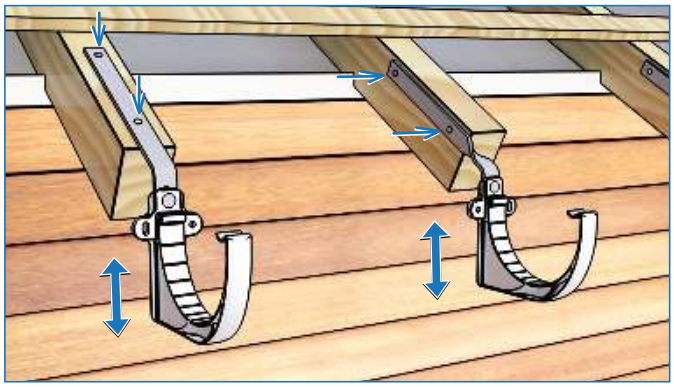
The gutters and pipes should be stored above the ground level on a smooth surface without any roughness or sharp edges. The products should be arranged freely without twisting or bending, and it is not permitted to arrange them in height bigger than 6 layers of packages. The fittings and connecting parts should be stored indoors in their original packages in order to protect the products from damage or pollution. Ventilation should be provided for the products for the period of storage; they should not be wrapped or covered with transparent or opaque foils. To prevent surface scratching of gutters and pipes - do not slide one on top of the other.

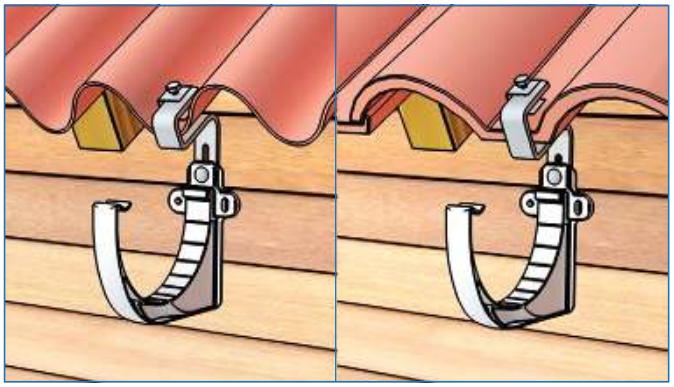
GUTTER BRACKET FIXING OPTIONS

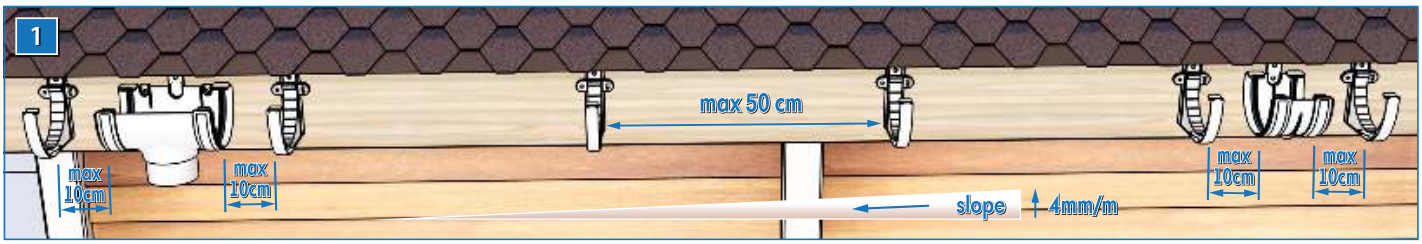
All gutters are fixed to the fascia board by gutter fascia brackets. When a fascia board is absent, it is required to use any of the four gutter bracket fixing options: above or on the sides of beams, on bitumen roofing and tiles (see pictures below.)



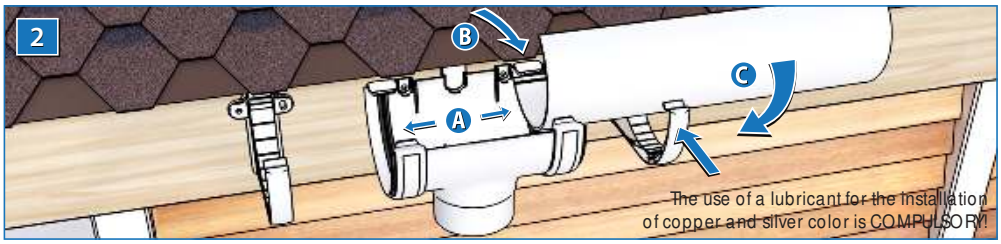


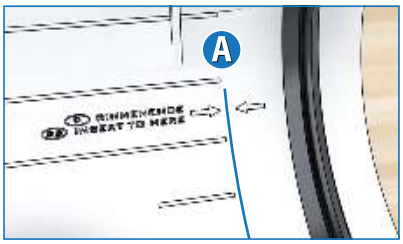




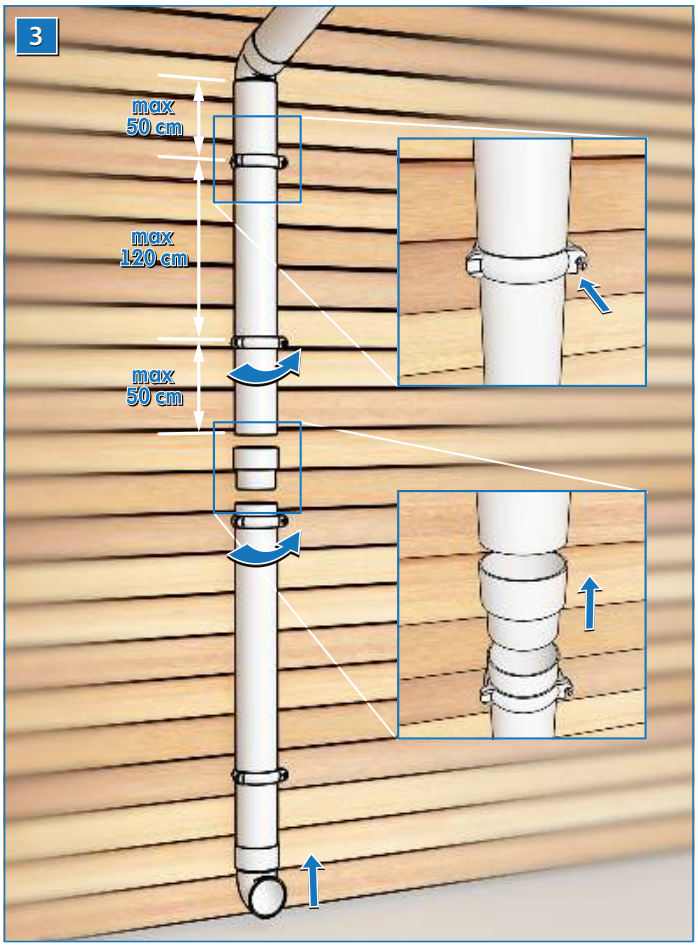


1. Fix the running outlet on the previously marked position, considering the pipe position and gutter slope. Use a cord to determine the gutter slope and install the gutter brackets starting with the utmost, providing a 0,4% slope, at a maximum distance of 50 cm from each other. We recommend the fixation of a gutter bracket on the sides of each gutter fitting (angle, union, running outlet) at a maximum distance of 10 cm. To achieve optimal fastening, fix to the fascia board using screws 5ø 8 mm.





2. Measure and cut to the necessary gutter lengths, taking into account the insertion marks of the fittings, marked with **A**. To install the gutter, position one of its edges as shown on diagram **B**, ease the other edge (diagram **C**) under the hook of the gutter fascia bracket, until the gutter snaps into all brackets and/or fittings. All gutter fittings are lined with inbuilt silicon gaskets to ensure leakage-free joints. DO NOT use glue on the fittings with silicone gaskets. For standard colours we advise to apply a fine layer of lubricant on each gasket as to facilitate the gutter movement due to thermal contractions and expansions.



3. Fix the pipe brackets to the wall at a maximum distance of 120 cm from each other and 50 cm from each pipe edge, by using the appropriate screw size depending on the thickness of the stucco and the wall insulation. Line the pipe in the bracket bed, close the front part and fasten with provided screws.
To allow for thermal movement of the pipes it is recommended to leave a 7 - 10 mm clearance between the edge of each pipe and the upper (wide) part of the connecting fittings.
Install a pipe bracket, immediately after each socket.

By using our online, user-friendly calculator, you can estimate your gutter installation individual project:
www.regenau.com/en/Calculator



10 YEARS

LIMITED WARRANTY

Rainwater drainage system REGENAU is manufactured according to the EU standards EN 607 and EN 12200. The declaration of conformity toward these standards ensures our customers the following technical characteristics of system REGENAU – gutter, pipes and fittings:

- High strength and impact resistance
- Resistance to temperature fluctuations
- The highest protection against the UV rays of the sun
- Physically flawless operation

With the present warranty certificate we guarantee to all our customers the quality of the Rainwater system REGENAU for the period of 10 years from the date of purchase. The present warranty is subject to the General warranty conditions of rainwater system REGENAU.

Claims under the present warranty should be placed with presentation of the invoice and/or cash receipt for the purchase, within 10 years from the date of the issuance of the respective document.

For further information, please refer to the
General warranty conditions of rainwater system REGENAU.

Signature:





12 YEARS

LIMITED WARRANTY REGENAU PMMA

Rainwater drainage system REGENAU PMMA is manufactured according to the EU standards EN 607 and EN 12200. The declaration of conformity toward these standards ensures our customers the following technical characteristics of system REGENAU PMMA – gutter, pipes and fittings:

- High strength and impact resistance
- Resistance to temperature fluctuations
- The highest protection against the UV rays of the sun
- Physically flawless operation

With the present warranty certificate we guarantee to all our customers the quality of the Rainwater system REGENAU PMMA for the period of 12 years from the date of purchase. The present warranty is subject to the General warranty conditions of rainwater system REGENAU PMMA.

Claims under the present warranty should be placed with presentation of the invoice and/or cash receipt for the purchase, within 12 years from the date of the issuance of the respective document.

For further information, please refer to the
General warranty conditions of rainwater system REGENAU PMMA.

Signature:

