

SYSTEM **KAN-therm**

# Push

How does the real saving on installations look like?



SYSTEM  
**KAN-therm**



**Find out why you should not save on quality.**

TECHNOLOGY OF SUCCESS



[www.kan-therm.com](http://www.kan-therm.com)

ISO 9001

## Investment costs vs risk



The value of pipes and fittings is only 2% of the overall investment value!

The material cheaper even by 50% enables savings in the scale of the whole investment that do not exceed 1%!

Installation value: 465 €

Assuming the purchase of products cheaper even by 50%, we acquire the "savings" worth 235 €, but... in the future we may incur the cost of even 4650 €!

Cost element	Notes	Cost share [%]	Cost share per 93 000 € of investment
building construction	Materials and workmanship	60.20%	56 000 €
electrical installation	Materials and workmanship	5%	4 650 €
gas installation	Materials and workmanship	1.10%	1 000 €
central heating	materials (heaters)	2.30%	2 140 €
	materials (boiler room)	1.30%	1 200 €
	<b>materials (pipes and fittings)</b>	<b>1.20%</b>	<b>1 100 €</b>
	workmanship	0.90%	840 €
water installation	materials (tools)	4.40%	4 100 €
	<b>materials (pipes and fittings)</b>	<b>0.90%</b>	<b>840 €</b>
	workmanship	1.30%	1 200 €
sewage	materials	0.60%	560 €
finishing works	Materials and workmanship	19.60%	18 200 €
permits		1.20%	1 100 €
<b>Total:</b>		<b>100%</b>	<b>93 000 €</b>

A house with useful floor area 137,5 sqm., 110 sqm above the constr., two floors, no cellars.  
Source: "Ile kosztuje budowa domu"; gazeta.pl portal

## Savings on material quality?

O-ring: the most sensitive installation element

Test "Compression Set"

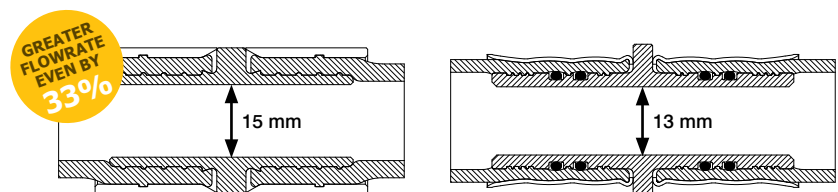
Test of permanent deformation: does a squeezed (compressed) o-ring return to its previous shape and what is the degree of permanent deformation, when does it lose its properties and degrade.

Low quality o-rings lose their properties fairly quickly, leading to untight connections and leaks.

KAN-therm Push is a o-ringless system of connections that enables concealing fittings within constructions without any limitations.

KAN-therm Push  
System connections

The construction that does not restrict the flow section of the pipe and does not increase local hydraulic resistance.



Ø25 > Ø25

Typical system  
with flow contraction

KAN Sp. z o.o.

ul. Zdrojowa 51, 16-001 Białystok-Kleosin

Tel: +48 85 74 99 200, fax +48 85 74 99 201

e-mail: kan@kan-therm.com

TECHNOLOGY OF SUCCESS



[www.kan-therm.com](http://www.kan-therm.com)

ISO 9001