



black on white

26 excellent arguments for PreDim

- Load calculation
- ViBo/BBRI
- Input static material quality
- Preventing contusion
- Crack calculation
- 92 Loading cases
- 4.100 Aluminum profiles
- Glued laminated timber
- Round timber
- Structural timber
- Expert mode
- Statics expert
- LSG
- DIN
- ISO
- EN(EuroNorm)
- EC (EuroCode)
- sTs
- 82 profile types I L T S C o
- Fire resistance
- Reinforcement
- German, French, Dutch & English Translations
- Fire refractory class
- Printing & editing of results
- Graphical version
- 24.000 profiles
- 6 materials
- Steel Reinforced concrete Wood Glued laminated timber
- Aluminium
- Help text & help videos

1th Argument: Preventing contusion

PreDim probes examines in 3 adjustable steps if the obtained profiles withstand the loading (profilo di sezione, stampaggio, muffa, muffa, trave metallica, sezione di acciaio, acciaio forma, la forma, la forma, contorno, il profilo di muratore, guida posta, installatori guida, solido stampaggio, stampaggio bloccato, la metà trave, tee-split, bloccato stampo, freddo laminati di acciaio, lavorati a freddo sezione,

formato a freddo di acciaio, CF-acciaio, incollati su stampaggio, di cui-a stampaggio, piantato stampaggio, laminati di sezione, profondità della sezione, la sezione di ferro, laminati a fascio, laminati trave, trave di acciaio laminato , RSJ, trave in acciaio, legno casella fascio, banda di stampaggio, filetto di banda, modellati filetto, coving, stampaggio piano, stampaggio piano, sezione di acciaio, acciaio strutturale). Tested will be the relation of height to width, as well as the quotient of the cross-section (profilo di sezione, sezione, sezione di acciaio) to total area (totale di base, al lordo zona, del diametro, sezione vista, sezionamento, sezione orizzontale, sezione piano, nella sezione, sezione trasversale, sezione trasversale, sezione longitudinale, sezione verticale, Bevel taglio, sezione obliqua, piano di taglio, piano di sezione).

Not convinced yet?

Get to know more about PreDim

PreDim 2008

Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm2, 613 kg/cm2
 Bending, inertia= 80000 kg*cm, 887 cm4
 Supported deflection (/real)= 10 mm / 3 mm
 Hollow rectangular supporting beam 140x70 (140x70/13/13)
 Cold production, DIN 59410 05/1974
 heigh x width, ratio= 140x70 mm, 2.0:1
 Thickness vert./horiz. = 12.5, 12.5 mm
 Section, surface moment of inertia, weight=
 46.3 cm2, 1030.3 cm4, 145.2 kg

F (kg/m')= L (cm)=

Inclination=

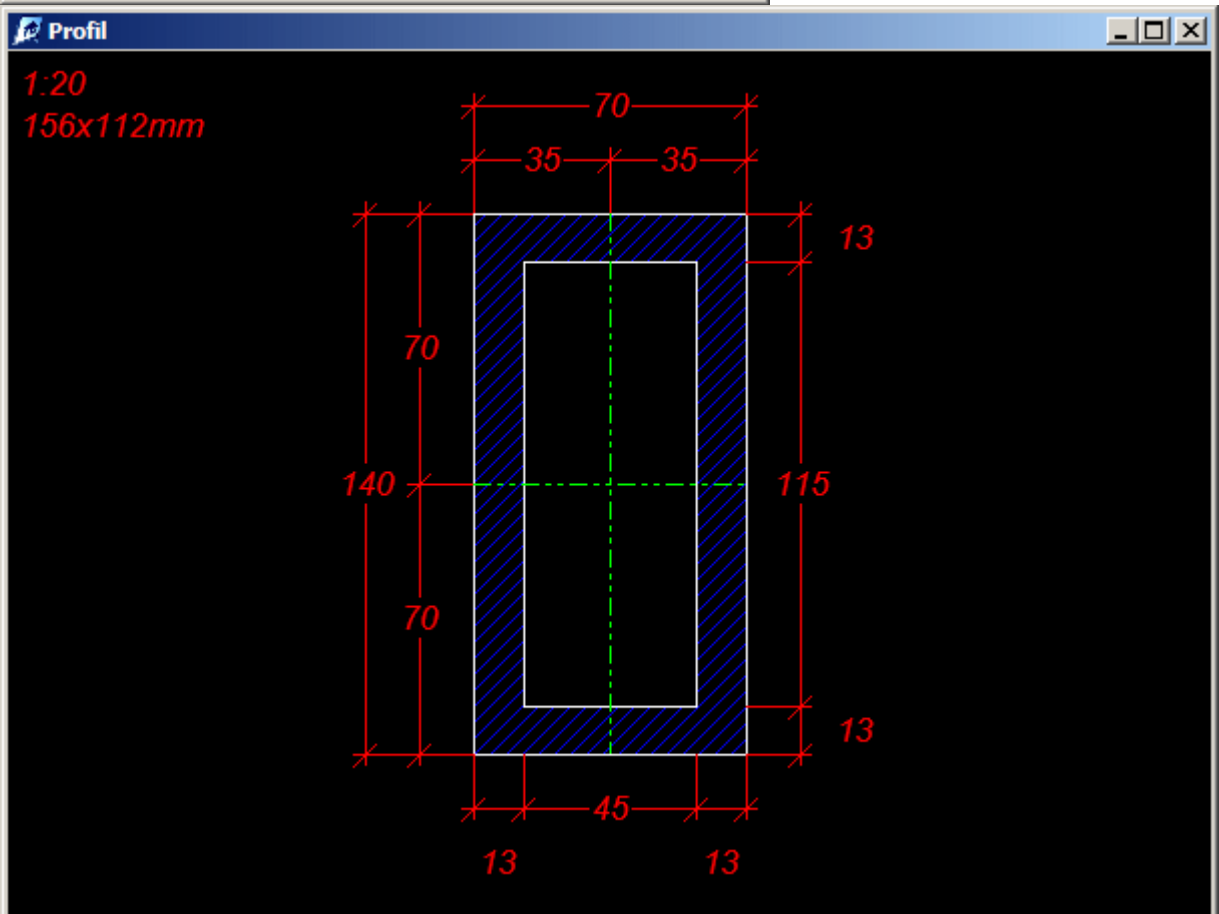
H max.(cm)= Choice=

Expert mode Type beam=

Quality= Ch. curve=

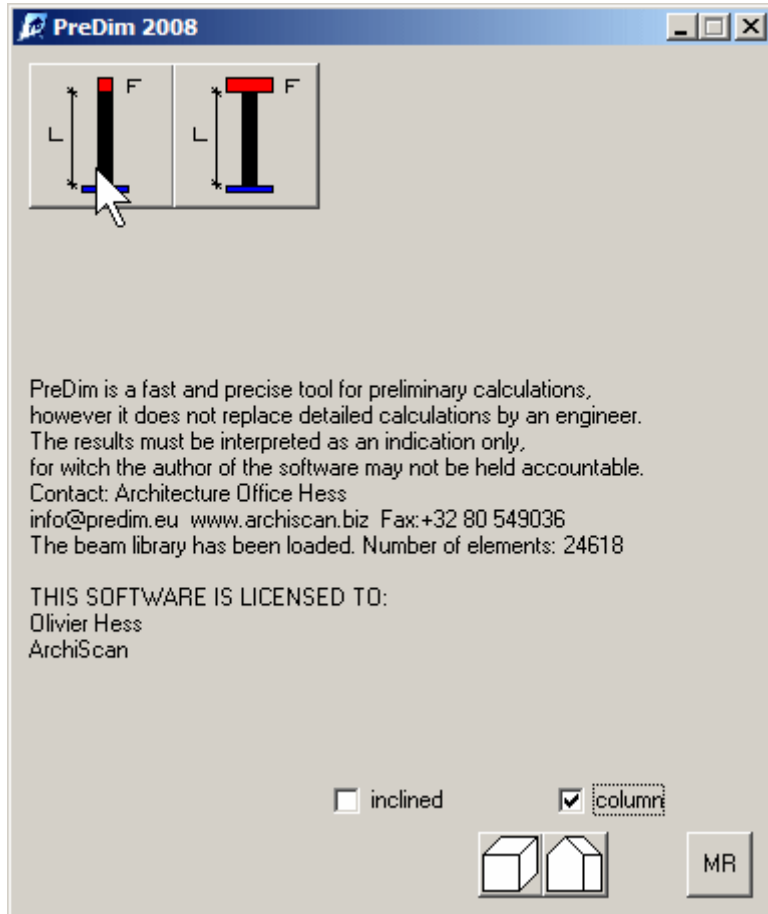
Contusion= Refractor. =

Supp. beams= ular supporting beam 140x70 (140x70/13)



2th Argument: Crack calculation

Pillars (Pier, supporta) will be examined for cracking (piegare, kink, torsione, tetto frenare, instabilità, instabilità dinamica, pieghevole-braccio sole cieco, buckling di carico, carico collpasing, coefficient instabilità, instabilità formula, la formula di Eulero, buckling rischio, rischio di bucklingbuckle, collasso, carico, carico paralizzante, carico critico, instabilità lunghezza, lunghezza effettiva, riducono in rotolo, riducono in comune, knuckle comune, instabilità prova, buckling stress, lo stress e collasso, column stress, i critici lo stress, colonna, buckling resistenza, forza instabilità, instabilità sicurezza, la sicurezza contro buckling). In the demo version this is not the case, which may lead to dangerous results.



Not convinced yet?
Get to know more about PreDim

3th Argument: 92 loading cases

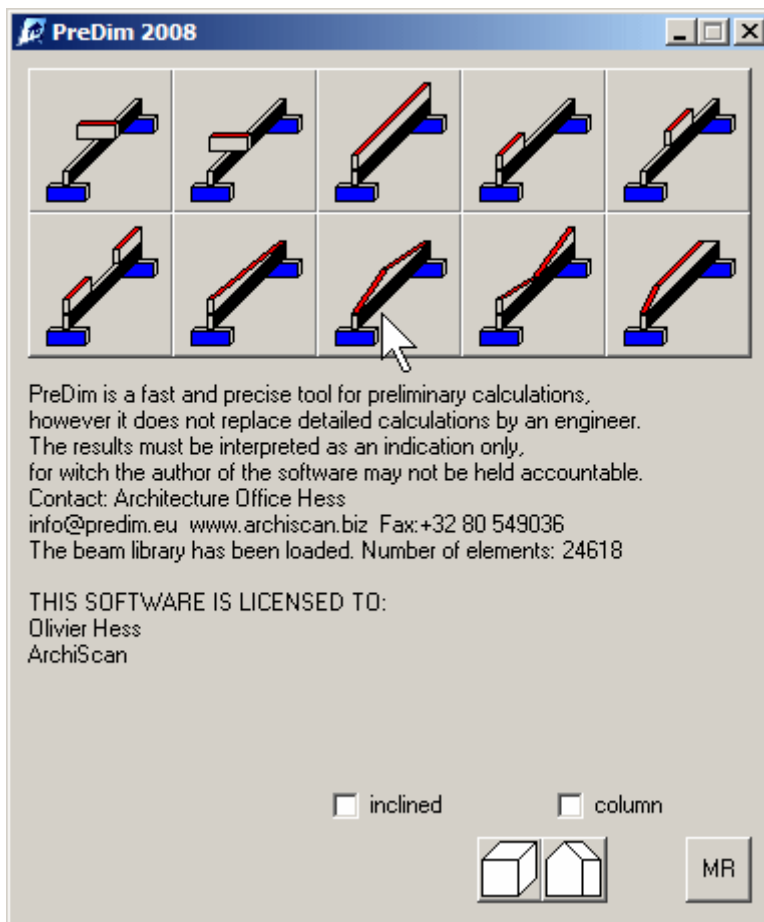
(assunto carico, stima del carico, di ipotesi, ipotesi, ipotesi, fattore di carico, caso di carico, carico caso, modalità di carico, carico di prova, il caricamento del modello, carico grafico, caricare la tabella, l'aumento di carico, incremento di carico, ripartizione del carico, Carico di accordo, del valore unitario di scarico, unità di fissaggio, assunse carico, carico assiale, concentrici carico, virtuale di carico, carico dinamico, eccentrico carico, carico fittizio, distribuita uniformemente carico, carico uniformemente condivisa, uniforme del carico, distribuito linea di carico, filo del rasoio di carico, carico lineare, nastri di carico, carico massimo, carico di punta, ultimo carico, carico di mobili, continuous rating, la produzione di servizi, imposti carico, carico di vivere, di servizi di carico, carico, carico costante, continuo carico, morti carico, carico statico, carico temporaneo, ammissibile di carico, carico di progettazione, di carico ammissibili, cassetta di sicurezza di carico, carico di lavoro, il cambio di carico, carico di imposte, vivono carico, il servizio di carico, carico sovrapposti, l'uso di carico, carico variabile, carico di lavoro, l'alternanza di carico, Il cambio di carico, carico variabile, stima del carico,

fattore di carico, caso di carico, carico caso, modalità di carico, carico di prova, il caricamento del modello, carico grafico, caricare la tabella, l'aumento di carico, incremento di carico, ripartizione del carico, carico di accordo, del valore unitario di scarico , Unità di fissaggio)

PreDim offers 92 combinable load cases, for quasi every loading straight away very quickly a result can be obtained.

Not convinced yet?

Get to know more about PreDim



4th Argument: 4.100 Aluminum profiles

(in lega leggera di alluminio, tubo di alluminio, alluminio sezione)

PreDim supports you to plan and enables you to compare one directly by one. Includes are rectangular profiles (full and hollow), tube profiles, round profiles and U/L/S/I profiles, solid form, half profile...

Not convinced yet?

Get to know more about PreDim

PreDim 2008

Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm², 202 kg/cm²
 Bending, inertia= 80000 kg²cm, 2660 cm⁴
 Supported deflection (/real)= 10 mm / 3 mm
 Aluminium square pipe 200x100 (200x100/18/18)
 Cold production, AlMgSi F22, EN 573 DIN 1748
 heigh x width, ratio= 200x100 mm, 2.0:1
 Thickness vert./horiz. = 18.0, 18.0 mm
 Section, surface moment of inertia, weight=
 95.0 cm², 4314.2 cm⁴, 102.6 kg

F (kg/m')= L (cm)=

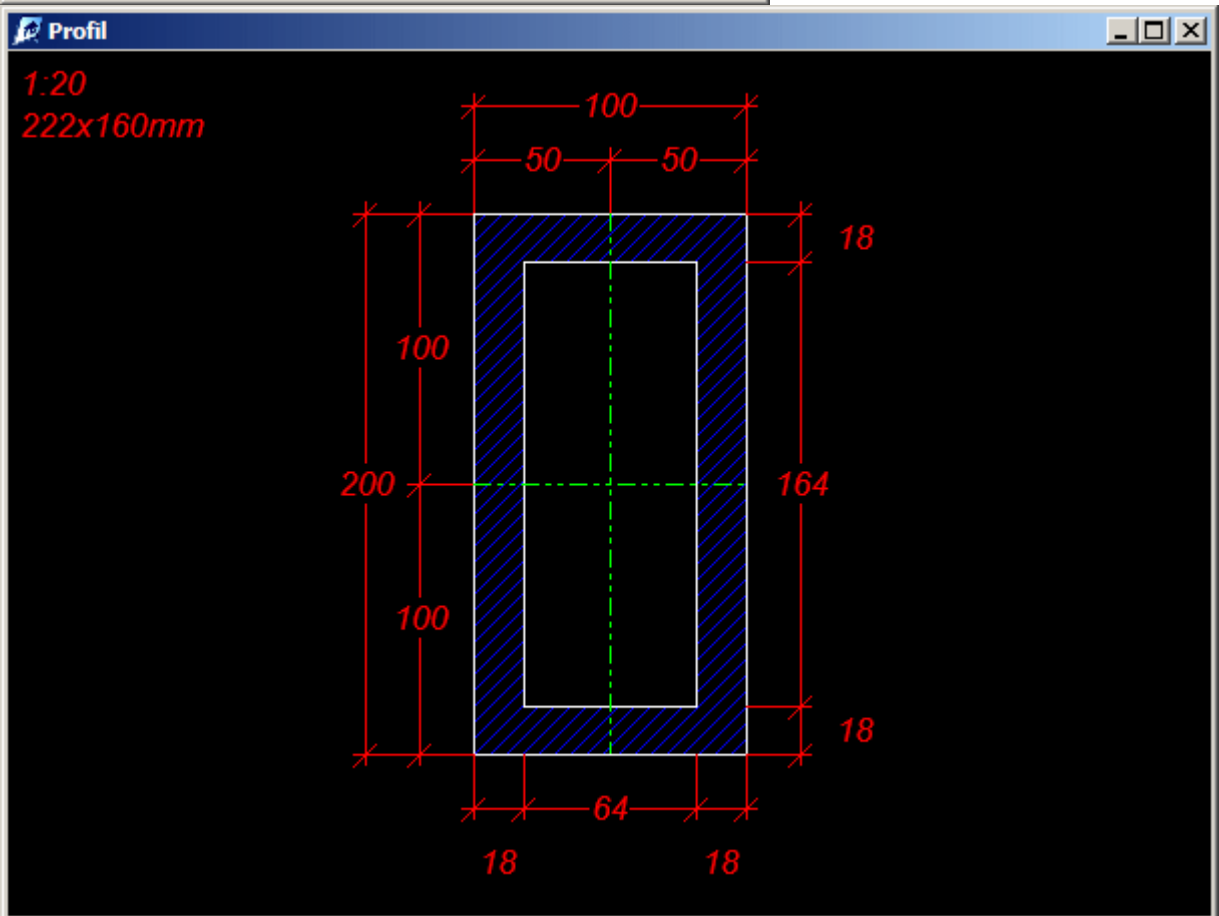
Inclination=

Text:

Expert mode Type beam= Aluminium square pipe

Supp. beams= Aluminium square pipe 200x100

- Aluminium square pipe
- Aluminium beam U
- Aluminium beam L
- Aluminium tube (pipe)
- Aluminium plain tube
- Aluminium beam T
- Aluminium beam Z
- Aluminium beam I



5th Argument: Glued laminated timber

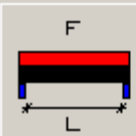
(Legno, composto di strati, travi lamellari, legno laminato, legno lamellare, incollato truss, compressione del legno, travi in legno lamellare, colla-travi lamellari, strutturale del legno, legno incollati, diversi strati di legno incollati dimensionato, strutturali membri, colonne, travi a vista, legno di ingegneria , Fiberboard, pannelli duri, masonite, di media densità fiberboard oriented strand board, pannelli di particelle, legno compensato, legno pressato)

Even the most extended spans (load lengths) can be calculated with PreDim, of course also layer wood according to DIN 1052.


Not convinced yet?

Get to know more about PreDim

PreDim 2008



Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm², 56 kg/cm²
 Bending, inertia= 80000 kg²cm, 15515 cm⁴
 Supported deflection (/real)= 10 mm / 3 mm
 Glued laminated timber 300x100



height x width, ratio= 300x100 mm, 3.0:1
 Section, surface moment of inertia, weight=
 300.0 cm², 22500.0 cm⁴, 51.6 kg


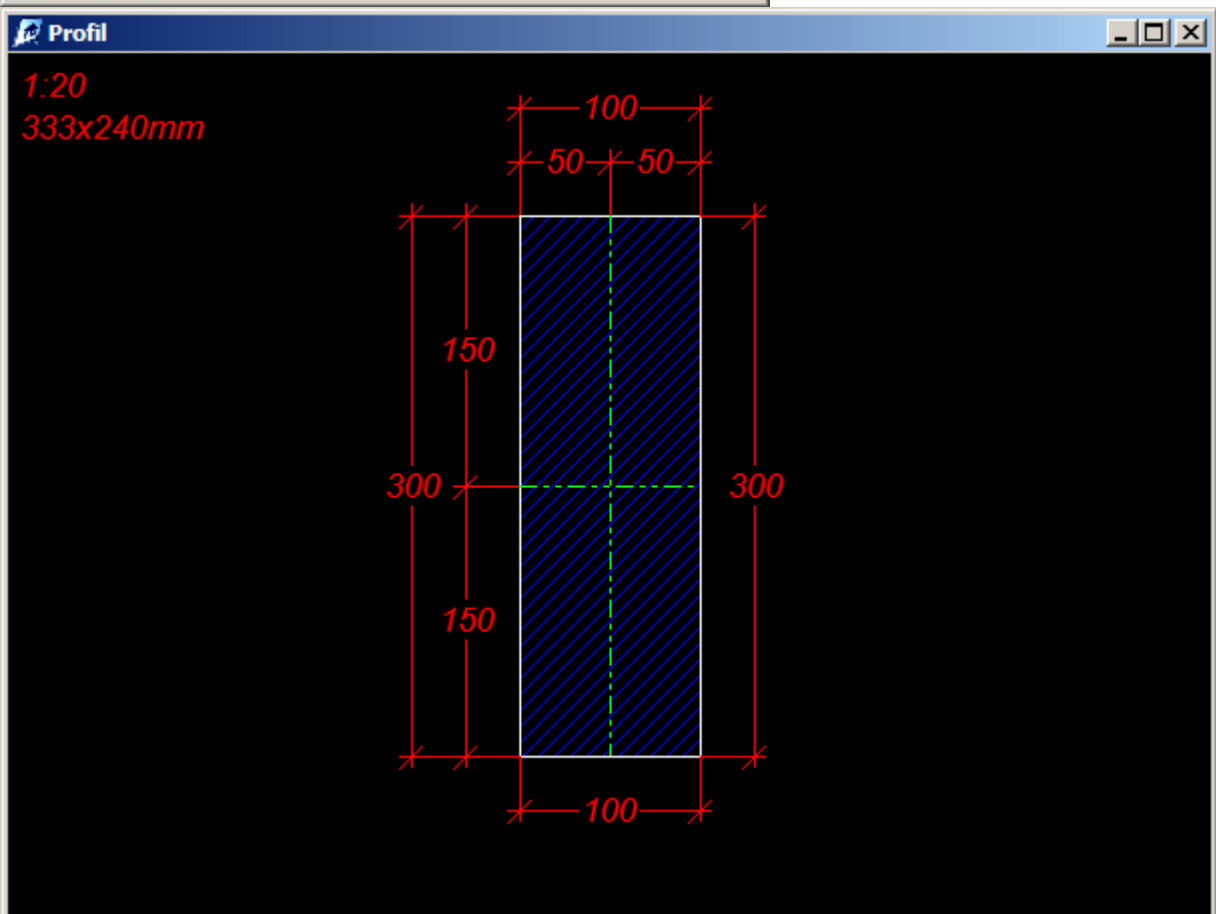
F (kg/m')= L (cm)=

Inclination=

Text:

Expert mode Type beam=

Supp. beams=

6th Argument: Round timber

PreDim offers 200 round timber profiles.

Not convinced yet?

Get to know more about PreDim

PreDim 2008

Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm², 45 kg/cm²
 Bending, inertia= 80000 kg²cm, 18618 cm⁴
 Supported deflection (/real)= 10 mm / 3 mm
 Round timber 270x270
 without standard
 heigh x width, ratio= 270x270 mm, 1.0:1
 Section, surface moment of inertia, weight=
 572.6 cm², 26087.0 cm⁴, 93.9 kg

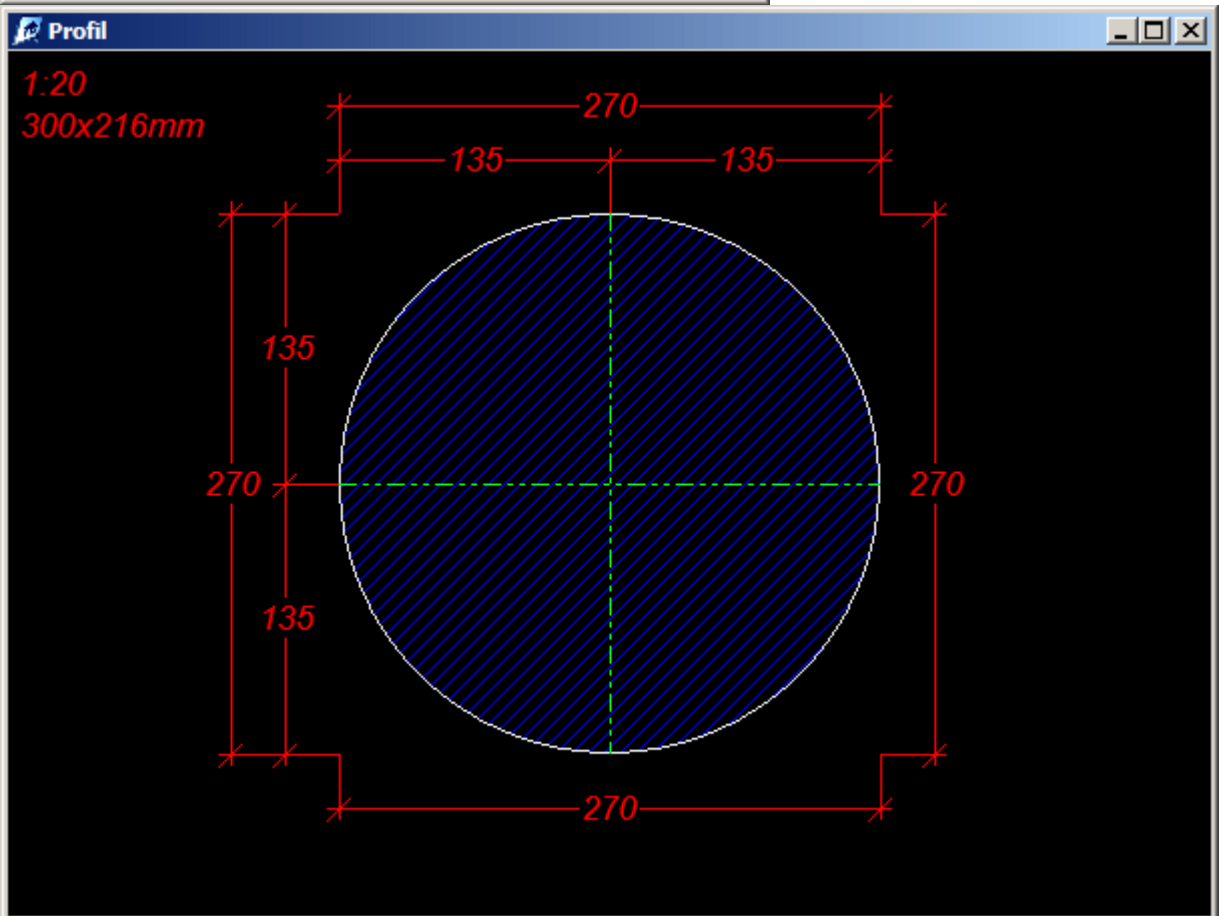
F (kg/m')= L (cm)=

Inclination=

Text:

Expert mode Type beam=

Supp. beams=



7th Argument: Structural timber

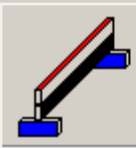
(Balk, vestito legname, scantling, quadrato taglio del legno, legno strutturale, roba, a superficie del legno, legname wrot)

PreDim comprises more than 500 structural woods, of course also structural wood according to DIN 4070-1/2, DIN 4074-1.

Not convinced yet?

Get to know more about PreDim

PreDim 2008



Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm², 61 kg/cm²
 Bending, inertia= 80000 kg²cm, 18618 cm⁴
 Supported deflection (/real)= 10 mm / 3 mm
 Square timber DIN S10/MS10 320x80
 DIN 4070-1/2, DIN 4074-1
 heigh x width, ratio= 320x80 mm, 4.0:1
 Section, surface moment of inertia, weight=
 256.0 cm², 21845.3 cm⁴, 42.0 kg


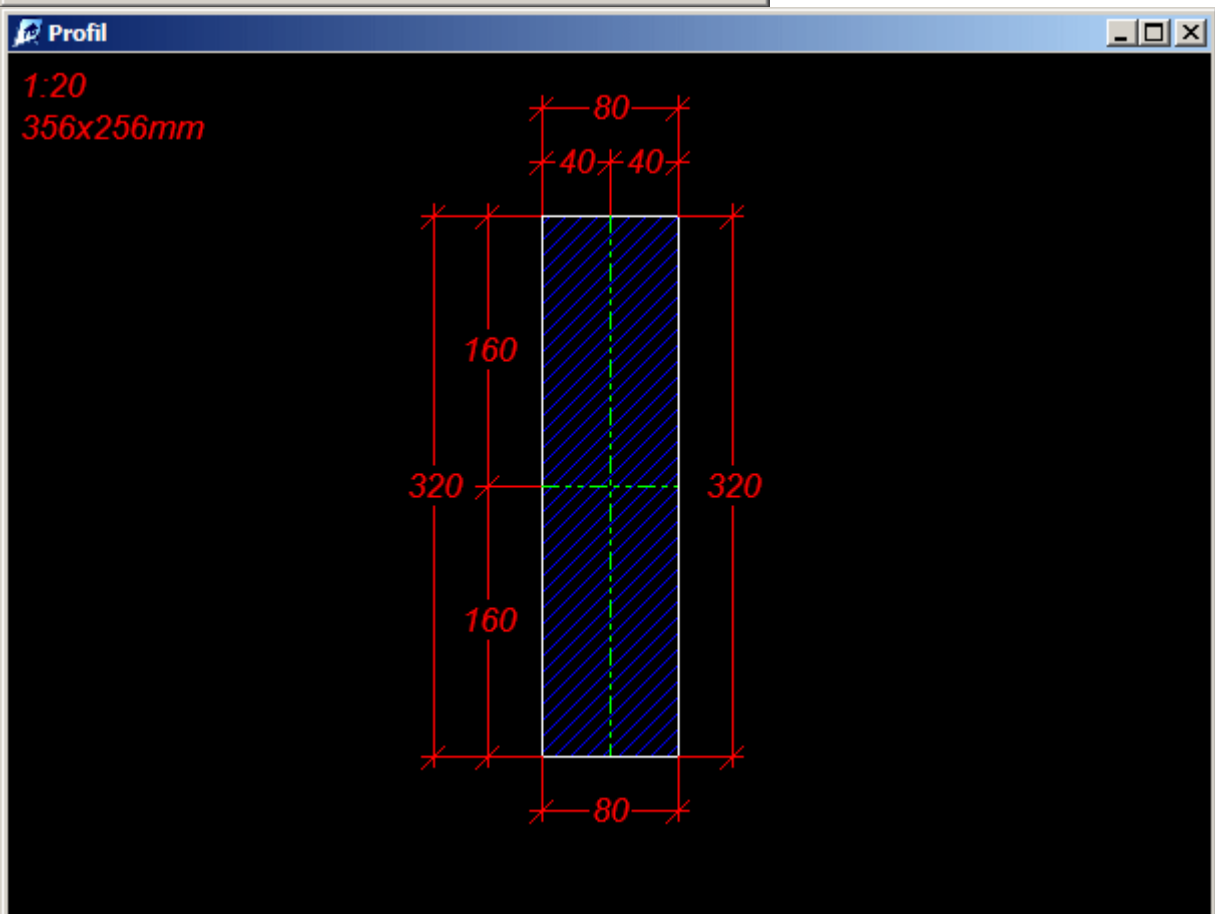
F (kg/m')= L (cm)=

Inclination=

Text:

Expert mode Type beam=

Supp. beams=

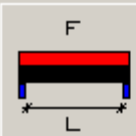



8th Argument: DIN


(DIN tedesco standard industriale)

PreDim comprises more than 3,000 profiles according to German DIN standard and respects also many other DIN standards in co-ordination with EN (Euronorm). DIN 1025-1 EN 10025/10034 ISO 5261, DIN 1025-5 03/1965 EN 19-57, DIN 1025-3 10/1963 EN 53-62, DIN 1025-2 10/1963 EN 53-62, DIN 1025-4 10/1963 EN 53-62, DIN 1026 10/1963 EN 24, DIN 1028 10/1976 EN 56 partly, DIN 1027 10/1963, DIN 1024 03/1982, DIN 59410 05/1974, DIN 59410 05/1974, DIN 2448/2458 02/1981, DIN 2448 02/1981, DIN 2458 02/1981, DIN 2440/2441 07/1978, DIN 1014-1 07/1978 EN 59 '78, DIN 1013-1 11/1976 EN 60 '77, DIN 59411 07/1978, DIN 59411 07/1978, DIN 1025-1, DIN 1025-2, DIN 1025-3, DIN 1025-4, DIN 1024 03/1982, DIN 59051 08/1981, DIN 10/1963, DIN 1017-1 04/1967, DIN 59200 10/1965 EN 91 for the most part, DIN 4070-1/2, DIN 4074-1, DIN 1052, DIN EN 573/755, EN 573 DIN 1748, DIN EN 573/755

PreDim 2008



Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm², 56 kg/cm²
 Bending, inertia= 80000 kg²cm, 15515 cm⁴
 Supported deflection (/real)= 10 mm / 3 mm
 Glued laminated timber 300x100



height x width, ratio= 300x100 mm, 3.0:1
 Section, surface moment of inertia, weight=
 300.0 cm², 22500.0 cm⁴, 51.6 kg


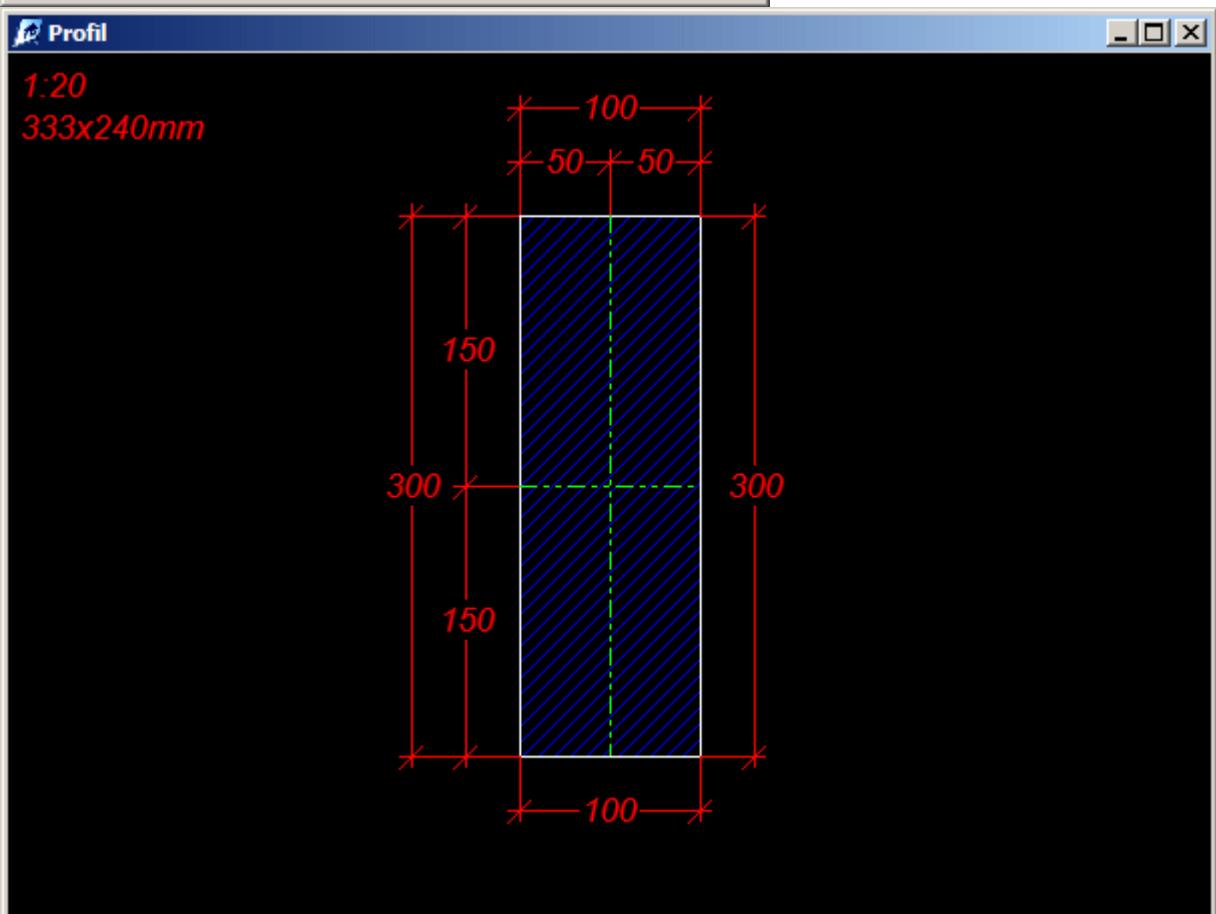
F (kg/m')= L (cm)=

Inclination=

Text:

Expert mode Type beam=

Supp. beams=

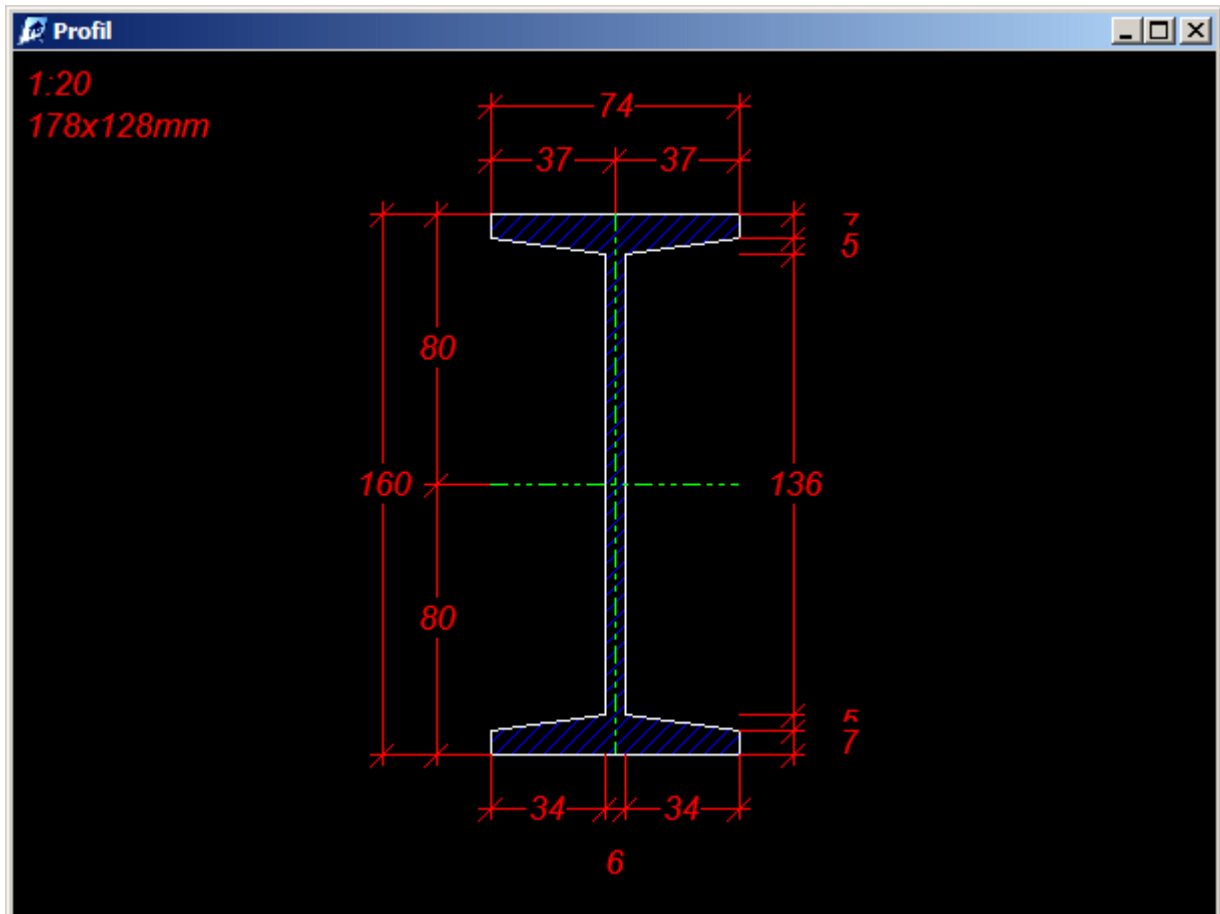



Not convinced yet?
Get to know more about PreDim

9th Argument: ISO

(International Organization for Standardization)

PreDim comprises more than 1,000 profiles according to international ISO standard. DIN 1025-1 EN 10025/10034 ISO 5261



Not convinced yet?
Get to know more about PreDim

10th Argument: EN (EuroNorm)

PreDim comprises more than 4,000 profiles according to European EN standard.

DIN 1025-1 EN 10025/10034 ISO 5261, DIN 1025-5 03/1965 EN 19-57, DIN 1025-3 10/1963 EN 53-62, DIN 1025-2 10/1963 EN 53-62, DIN 1025-4 10/1963 EN 53-62, DIN 1026 10/1963 EN 24, DIN 1028 10/1976 EN 56 partly, DIN 1014-1 07/1978 EN 59 '78, DIN 1013-1 11/1976 EN 60 '77, DIN 59200 10/1965 EN 91 for the most part, DIN EN 573/755, EN 573 DIN 1748, DIN EN 573/755, DIN 1034, EN 100-1000, EN 1000-1100, ASTM A6/A6M, EN 100-600 DIN 1025-5, EN 100-600 DIN 1025-5, EN 750, DIN 1034 W-Shapes 6-44 ASTM A6/A6M, EN 100-1000 W-Shapes 6-44 ASTM A6/A6M, EN 1000-1100 W-Shapes 6-44 ASTM A6/A6M, ASTM A6/A6M W-Shapes 6-44 ASTM A6/A6M, EN

100-600 DIN 1025-5 W-Shapes 6-44 ASTM A6/A6M, EN 100-600 DIN 1025-5 W-Shapes 6-44 ASTM A6/A6M, EN 750 W-Shapes 6-44 ASTM A6/A6M, EN 80-400 DIN 1026-2

Not convinced yet?

Get to know more about PreDim

11th Argument: EC (EuroCode)

PreDim calculations are bases for the most part upon the simplified EC (Eurocode 0, 1, 2, 3, 4 , 5).

Model building codes, European Committee for Standardisation, structural design, structures, concrete structures, steel structures, composite steel & concrete structures, timber structures, masonry structures, geotechnical design, structures for earthquake resistance, aluminium structures, civil engineering work, ENV, European Committee for Standardisation, BS 5950 British steel design standard, BS 8110 British concrete design standard, LRFD Load and Resistance Factor Design

Not convinced yet?

Get to know more about PreDim

12th Argument: sTs

(Industrial, le specifiche tecniche, le tecniche di spécifications / eengemaakte Technische Specificaties)

PreDim comprises over 1,000 wood profiles according to Belgian sTs Industrial Specifications. sTs 04 (2th part) 10/1990 SAS

Not convinced yet?

Get to know more about PreDim

13th Argument: 82 profile types

(angolo di acciaio, acciaio fascio, acciaio bender, colonna in acciaio, acciaio calcestruzzo, acciaio acciaio engineer progettazione, ingegneria di acciaio, acciaio, acciaio incorniciato struttura, definizione di acciaio, trave metallica, tubo di acciaio, sezione trave in acciaio, acciaio sezione, di forma in acciaio, acciaio scheletro edificio, scheletro di acciaio, struttura in acciaio progettista, struttura in acciaio, acciaio tubolare)

PreDim comprises 82 profile types according to international specifications:

Steel profile IPE IPN IPB (HE-A, HE-B, HE-M), Steel profile T 1/2I, Steel profile U, Steel profile L, Steel profile S, Steel profile C, Steel hollow tube, Steel plain tube, Square profile hollow, Square profile plain, Rectangular profile hollow, Rectangular profile plain, Wood, Round wood, Wooden floor, Glued laminated timber, Tubes in glued laminated timber, Reinforced concrete, Aluminium flat rectangular profile, Aluminium rectangular tube, Aluminium U-profile, Aluminium L-profile, Aluminium tube, Aluminium plain tube, Aluminium T-profile, Aluminium S-profile, Aluminium I-profile, HD, HE-AA, HL, HP, IPEa, IPEaa, IPEr, HD W-Shapes, HE-AA W-Shapes, HL W-Shapes, HP W-Shapes, IPEa W-Shapes, IPEaa W-Shapes, IPEr W-Shapes, UAP, UPE, Alu rolling pipe profile, Alu pneumatic cylindrical profile, Reinforced concrete pillar, LSG Laminated safety glass

Not convinced yet?

Get to know more about PreDim

PreDim 2008

Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm2, 1184 kg/cm2
 Bending, inertia= 80000 kg²cm, 554 cm⁴
 Supported deflection (/real)= 16 mm / 6 mm
 Steel www.sabprofiel.nl SAB 153R/840 1.25 mm

height x width, ratio= 153x60 mm, 2.6:1
 Thickness vert./horiz. = 1.3, 1.3 mm
 Section, surface moment of inertia, weight=
 20.7 cm², 638.4 cm⁴, 65.0 kg

F (kg/m2)= L (cm)=

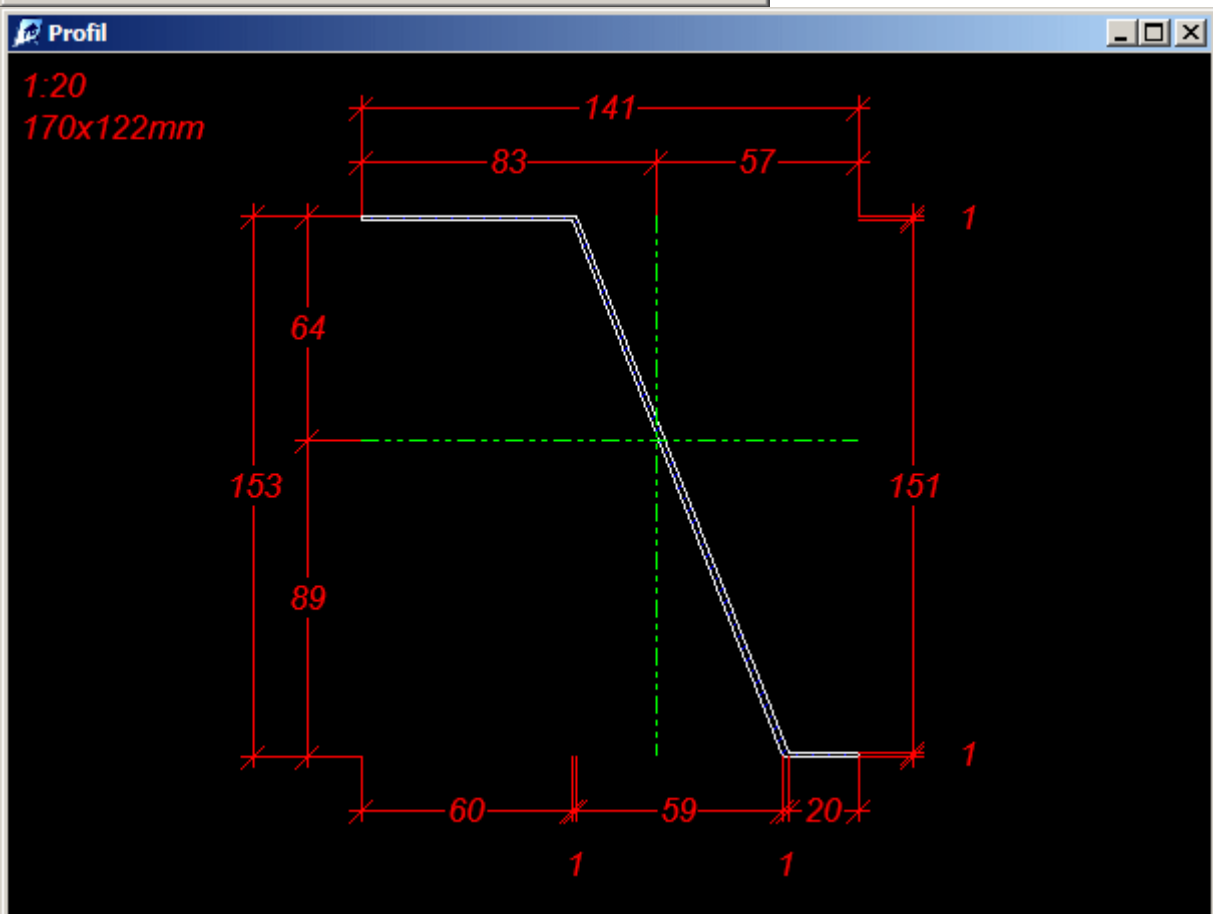
Inclination=

Text:

Expert mode Type beam= Trapeze-sh. sheet Steel

Supp. beams= Steel www.sabprofiel.nl SAB

- Aluminium tube (pipe)
- Aluminium plain tube
- Aluminium beam T
- Aluminium beam Z
- Aluminium beam I
- Laminated safety glass (LS)
- Trapeze-sh. sheet Steel**
- Trapeze-sh. sheet Alu



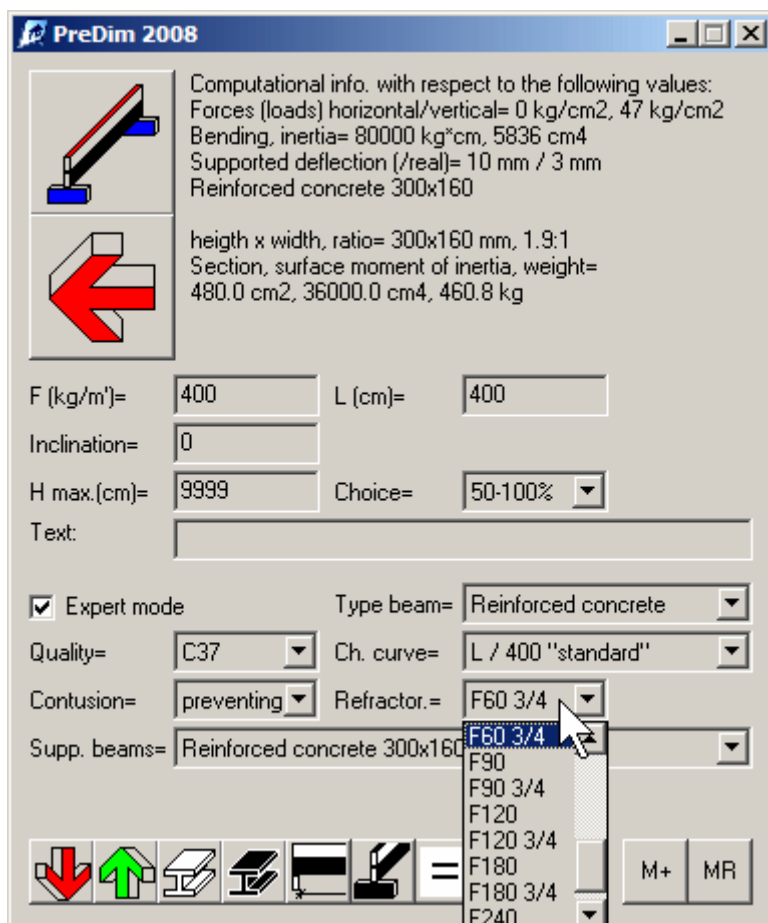
14th Argument: Fire resistance

(combustibili, infiammabili, combustibilità, la lotta antincendio, la protezione antincendio, di protezione antincendio, compartimento, vigili del fuoco compartimento, spazio separation, vigili del fuoco cella, dispositivo di rilevazione incendi, vigili del fuoco verificare porta, porta tagliafuoco, vigili del fuoco-resistant porta, porta di sicurezza, vigili del fuoco durata, bruciatore , Bruciatore atmosferico, vigili del fuoco hasard, rischio di incendi, lotta antincendio, incendio pericoloso, altamente infiammabili, comparto divisione muro, vigili del fuoco partizione, a prova di fuoco muro, vigili del fuoco-resistingf muro separatamente recinto separatamente muro, forte muro, muro comune, vigili del fuoco muro di divisione, del fuoco, propagazione del fuoco, di prevenzione degli incendi, vigili del fuoco di prova, danno fuoco, vigili del fuoco los., curtain fuoco, vigili del fuoco muro, boccascena muro, del fuoco, la sicurezza antincendio, la costruzione di classe, vigili del fuoco di classificazione, le misure di protezione antincendio, fuoco , Vigili del fuoco di ventilazione, il fumo di sbocco, vigili del fuoco-ritardante, vigili del fuoco-di arresto, sostanze ritardanti di fiamma, intumescent vernice, a prova di fuoco cappotto, vigili del fuoco-ritardante finiture, l'assicurazione incendio, vigili del fuoco di propagazione, a prova di fuoco, vigili del fuoco-cassetta di sicurezza, vigili del fuoco della stazione, vigili del fuoco - di arresto, di costruzione di resistenza al fuoco, vigili del fuoco di resistenza, resistenza al fuoco, vigili del fuoco fermata, vigili del fuoco barriera, pescaggio fermata, ampio fascio-flangiate, H-fascio, H-trave, H-sezione, universale fascio, fascio largo flangia)

PreDim calculates the fire resistance in 11 steps (F0, F15, F15 3/4, F30, F30 3/4, F60, F60 3/4, F90, F90 3/4, F120, F120 3/4) also with exposition to fire on only 3 sides for wood, layer wood, wooden floor and reinforced concrete. From version 6.8 onwards PreDim calculates also the complicated fire resistance of steel & aluminium!

Not convinced yet?

Get to know more about PreDim



15th Argument: Reinforcement

(rinforzo in acciaio, calcestruzzo rafforzare colonna, rafforzare, tubo di cemento armato, calcestruzzo rinforzato-fascio, calcestruzzo rinforzato-soffitto, calcestruzzo rinforzato-colonna, calcestruzzo rinforzato-costruzione, calcestruzzo rinforzato-designer, calcestruzzo rinforzato-fondazione, calcestruzzo rinforzato-quadro, rafforzata - trave concreti, rafforzata-palo di cemento, calcestruzzo rinforzato-tubo, calcestruzzo rinforzato-scheletro, rafforzata-lastra concreta, calcestruzzo rinforzato-struttura)

PreDim calculates for reinforced concrete from now on the upper and lower reinforcement. In this case straight away different propositions will be obtained (number x diameter). Table seen in the profile windows below:

Not convinced yet?

Get to know more about PreDim

PreDim 2008

Computational info. with respect to the following values:
 Forces (loads) horizontal/vertical= 0 kg/cm², 47 kg/cm²
 Bending, inertia= 80000 kg²cm, 5836 cm⁴
 Supported deflection (/real)= 10 mm / 3 mm
 Reinforced concrete 300x160

height x width, ratio= 300x160 mm, 1.9:1
 Section, surface moment of inertia, weight=
 480.0 cm², 36000.0 cm⁴, 460.8 kg

F (kg/m')= L (cm)=

Inclination=

H max.(cm)= Choice=

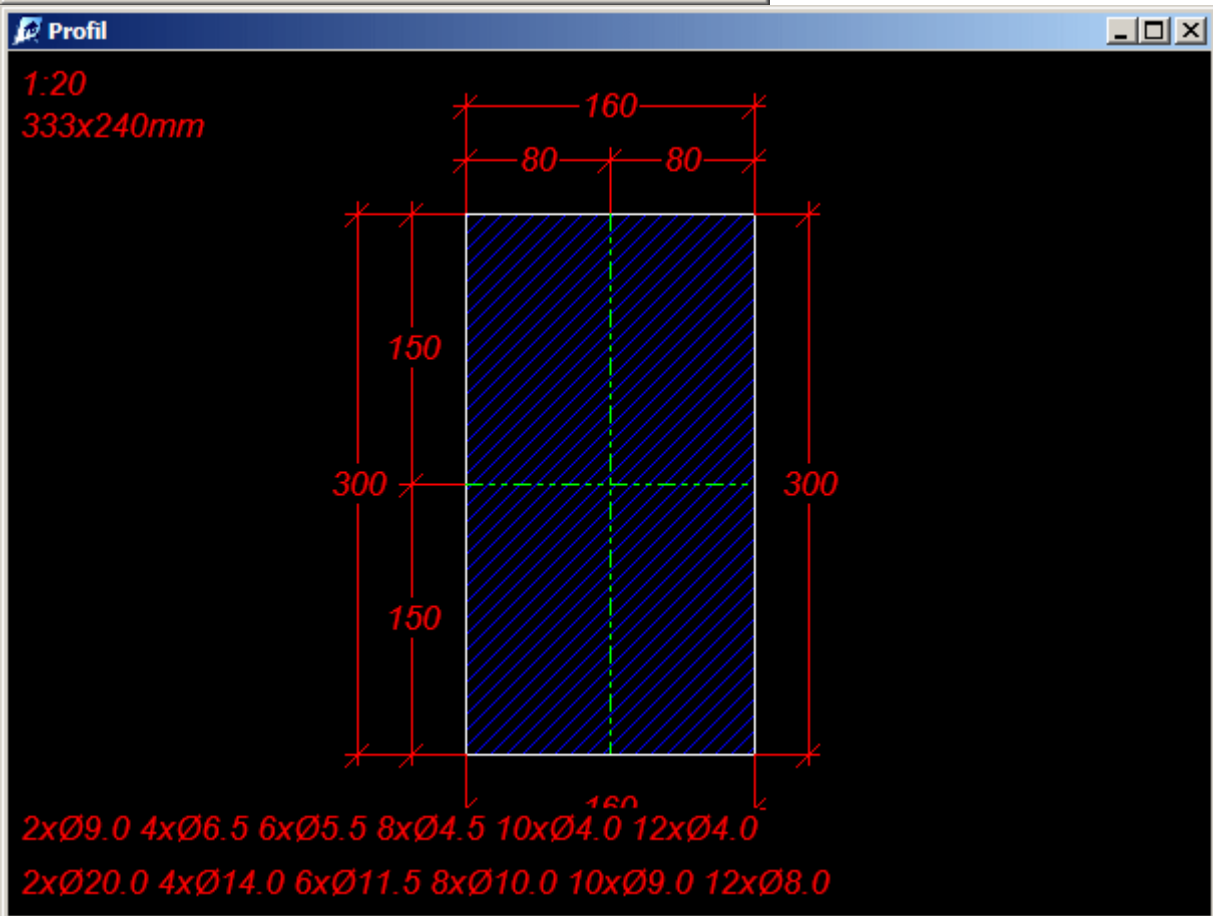
Text:

Expert mode Type beam=

Quality= Ch. curve=

Contusion= Refractor.=

Supp. beams=



16th Argument: Translations

PreDim has been translated into 4 languages including all auxiliary text and instructions. This requires for each version a lot of time, but offers insight into the work of the European neighbours.

Not convinced yet?

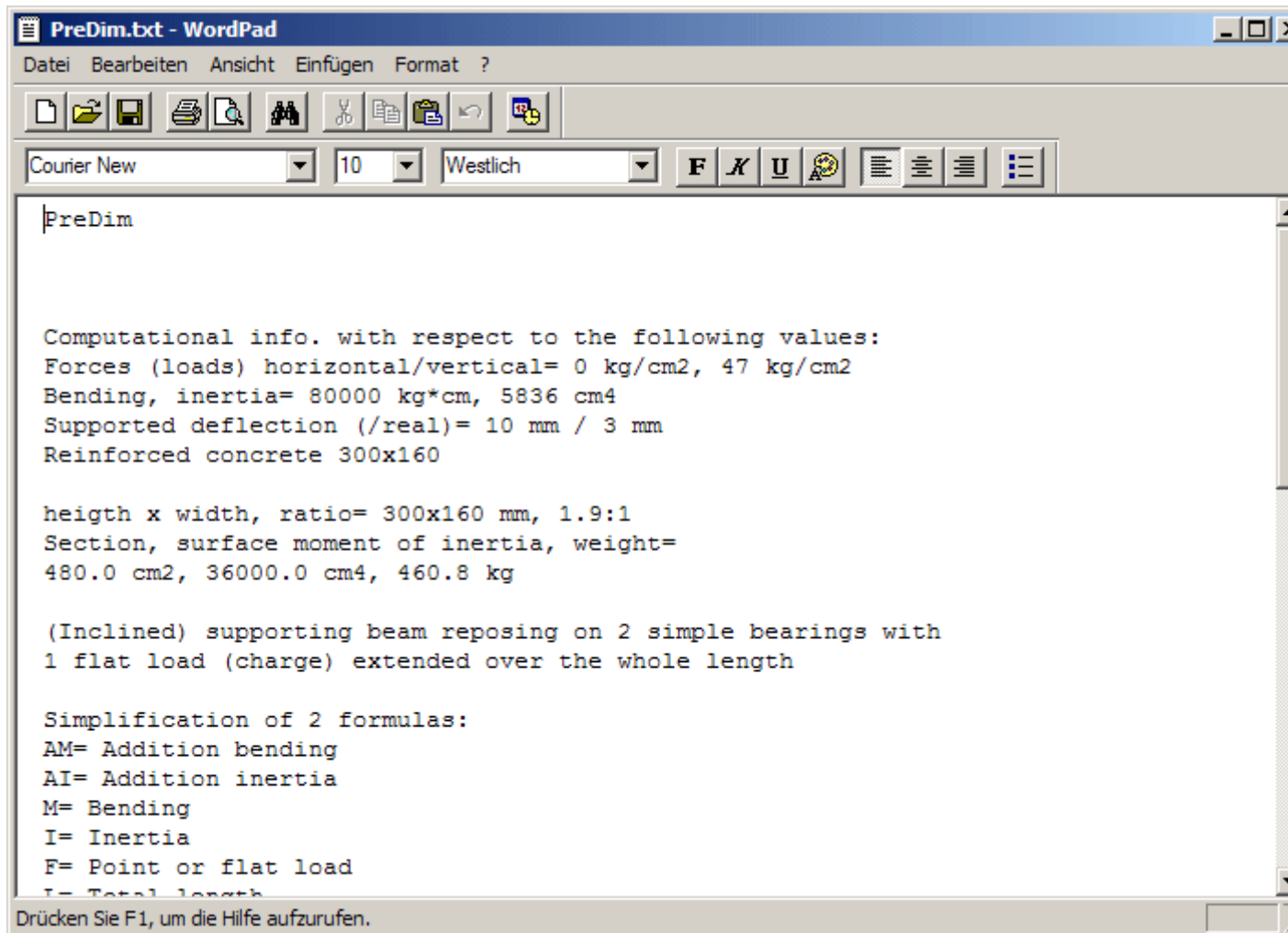
Get to know more about PreDim

17th Argument: Printing & editing of results

PreDim draws up a text data file (entirely compatible with format .TXT) in which all details of calculation and profiles are given. Change this details according to your preferences or print them straight away. From version 6.9 onwards the graphs & texts can be directly observed, edited, exported & printed.

Not convinced yet?

Get to know more about PreDim



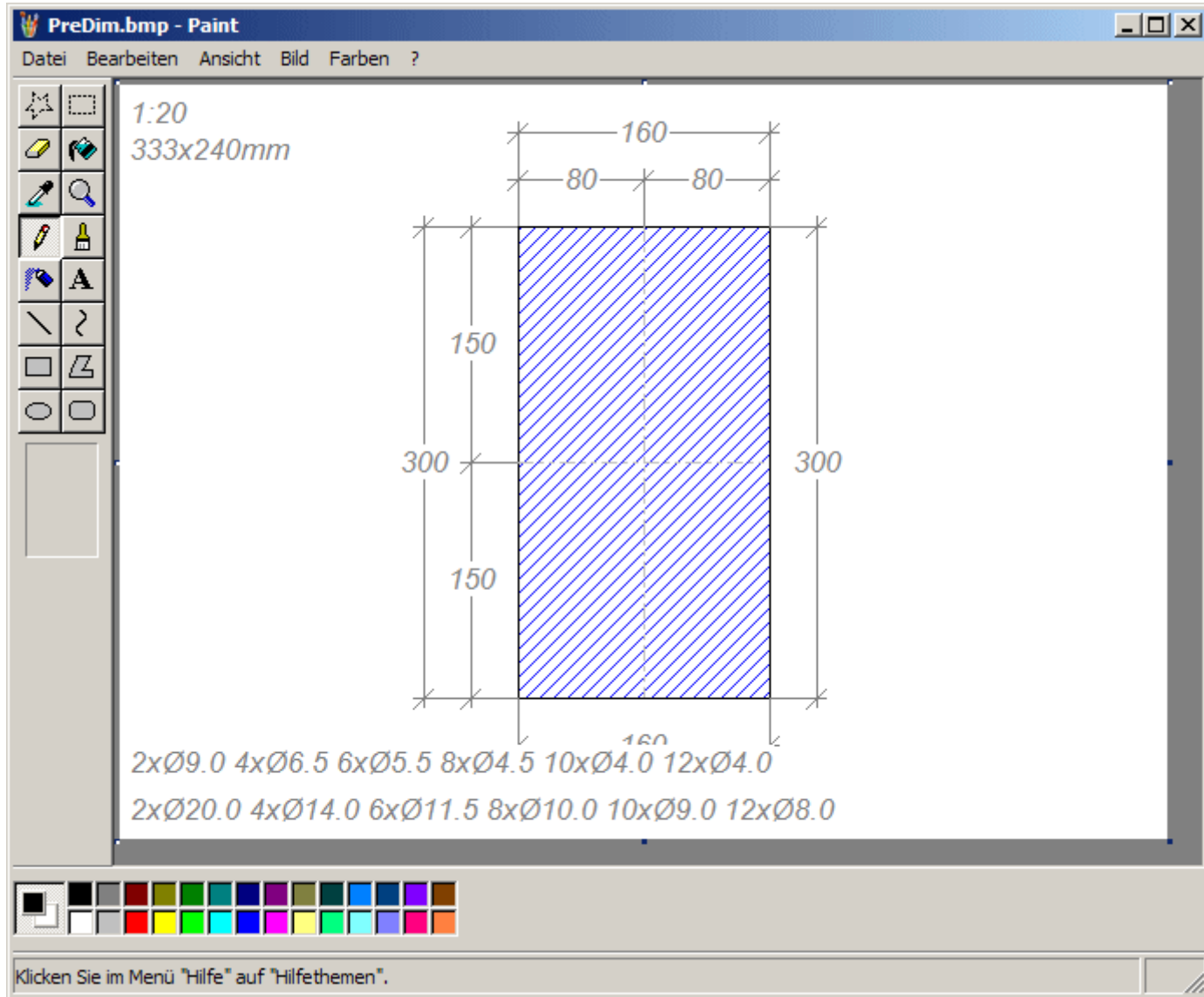
18th Argument: Graphical version

PreDim displays the results not only as a text data file but also as a graphic data file (.BMP). The size of the graph can easily be attained by enlarging with help of the mouse the window. 2 Graphs will be

drawn up: One with black, the other one with white background. From version 6.9 onwards the graphs and texts can be directly observed, edited, exported and printed.

Not convinced yet?

Get to know more about PreDim



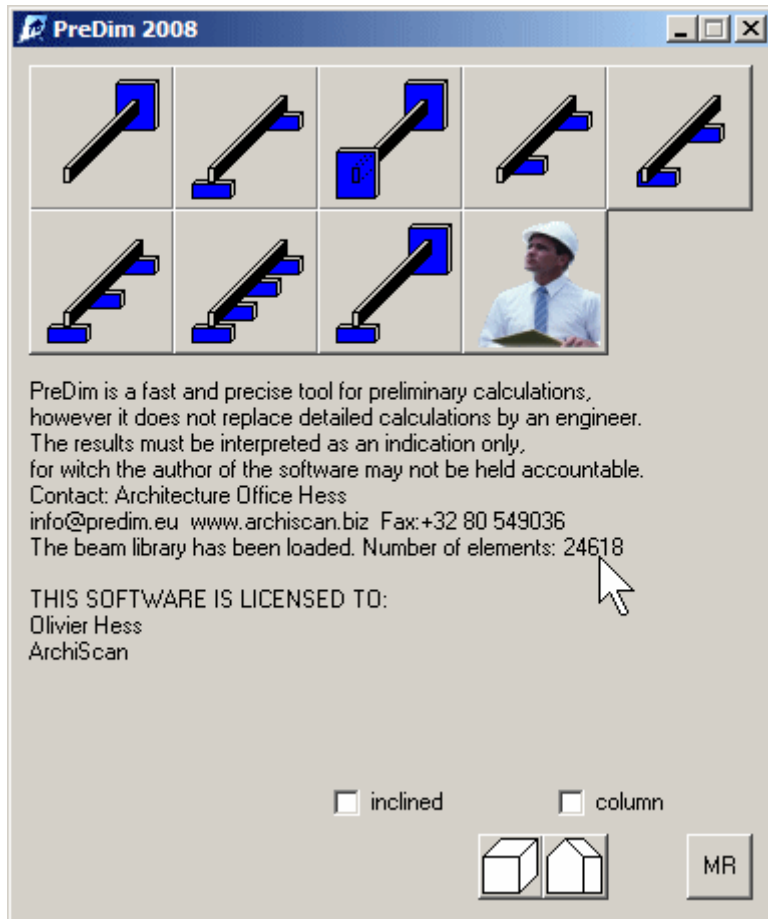
19th Argument: 24.000 profiles

(sezione profilo, profilo di lamiera di acciaio, profilati metallici coperture, profilati di lamiera di ferro, acciaio profilato-tetti di lamiera, profili, materiale difetto, materiale fatica, materiale colpa, materiale testingwood chip, legno truciolare, pavimento in legno, colla di legno, legno laminato, pavimento in legno, Legno tecnologia, il trattamento del legno, legno-fibra di bordo, del legno-cornice costruzione, trave di legno, costruzione in legno, parquet, pavimenti in legno, legno, legno quadro, casa in legno, palo di legno fondazione, palo di legno, alluminio, bordo rood, alluminio tetti di lamiera, alluminio sezione, foglio di alluminio, alluminio ghiaia, tubo di alluminio, cemento armato piano lastra, tubo di cemento armato, tetto in cemento armato lastra, in cemento armato, calcestruzzo rinforzato-fascio, calcestruzzo rinforzato-colonna, calcestruzzo rinforzato-costruzione, calcestruzzo rinforzato - progettista, calcestruzzo rinforzato-piano, calcestruzzo rinforzato-fondazione, calcestruzzo rinforzato-quadro, calcestruzzo rinforzato-trave, rafforzata-palo di cemento, calcestruzzo rinforzato-tubo, calcestruzzo rinforzato-scheletro, calcestruzzo rinforzato-struttura)

The PreDim profil database comprises 24,000 profiles with 82 different types in the 6 materials steel, wood, layer wood, reinforced concrete and aluminium. Compare within seconds all these types of materials (material choice, material characteristics,...) and do the planning more versatile.

Not convinced yet?

Get to know more about PreDim



20th Argument: Help texts & help videos

PreDim comprises 3 help texts and help videos in German, English, French and Dutch. Lean back and learn to use PreDim within 10 minutes.

Not convinced yet?

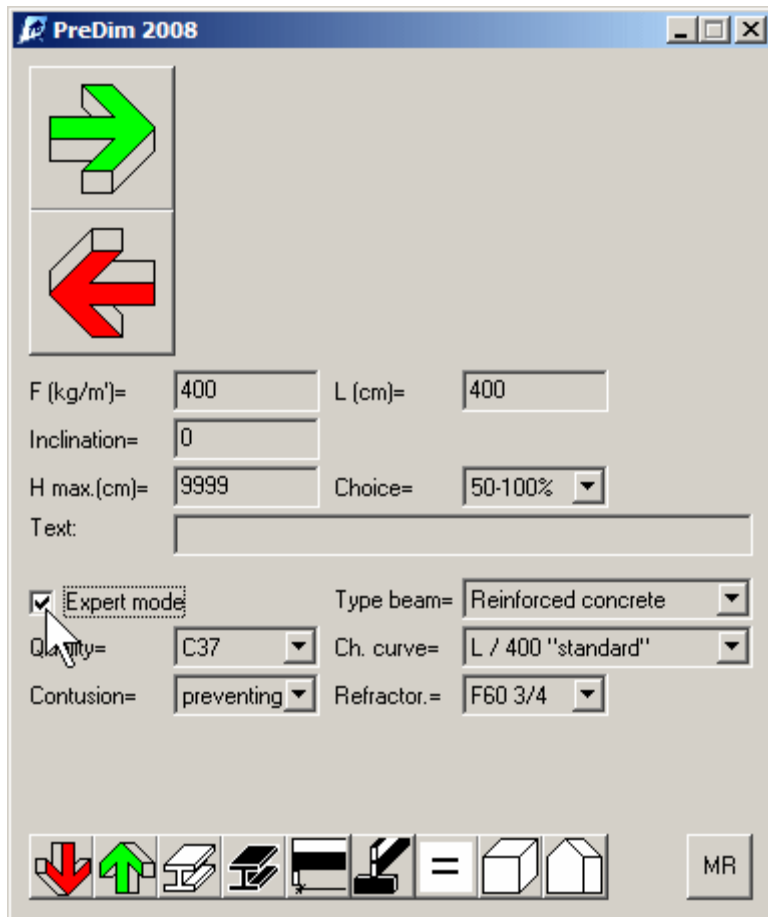
Get to know more about PreDim

21th Argument: Expert mode

PreDim simplifies the input mode according to your specific knowledge (of the program). Range: Easy for statics layman up to details for statics engineers.

Not convinced yet?

Get to know more about PreDim



22th Argument: Cooperation with statics expert

PreDim is being developed from version 6.8 onwards with a statics engineer. Advantages are next to improved security also a more precise calculation and innovative products.

Not convinced yet?

Get to know more about PreDim

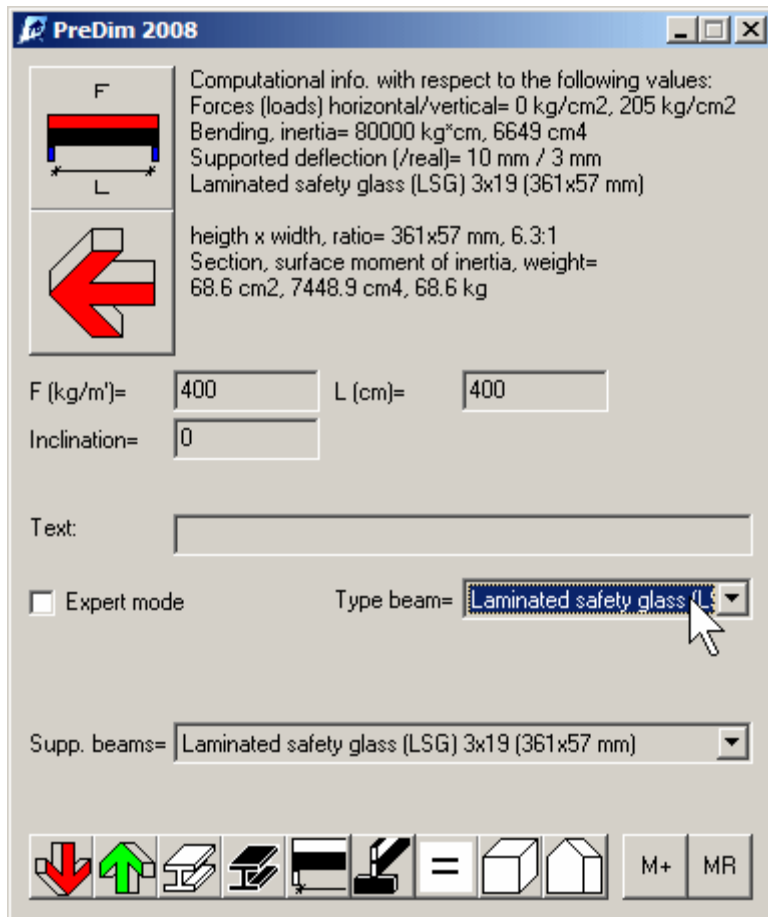
23th Argument: Profils in laminated security glass (experimental LSG)

(barra di vetro, vetro blocco, vetro cemento, facciata di vetro, fibre di vetro, vetro pannello di rivestimento del tetto in vetro, vetro tetto tegola, tetto in vetro, vetro dimensioni, spessore vetro, vetro parete edificio unità, parete di vetro, vetro finestra, vetro-cemento pannello, Vetro-tetto di lastre di cemento, vetro-recintato, in serra edificio, vetrerie)

PreDim calculates profiles in laminated security glass, consisting of a combination of 12 mm stored in a hot place single layer security glass (ESG-H) attached to each other with a foil of polyvinylbutyral (PVB) according to the new specifications ASTM international (ASTM 1036, ASTM C1048,...). The external single layer security glass have got only a protection function, but no static function!

Not convinced yet?

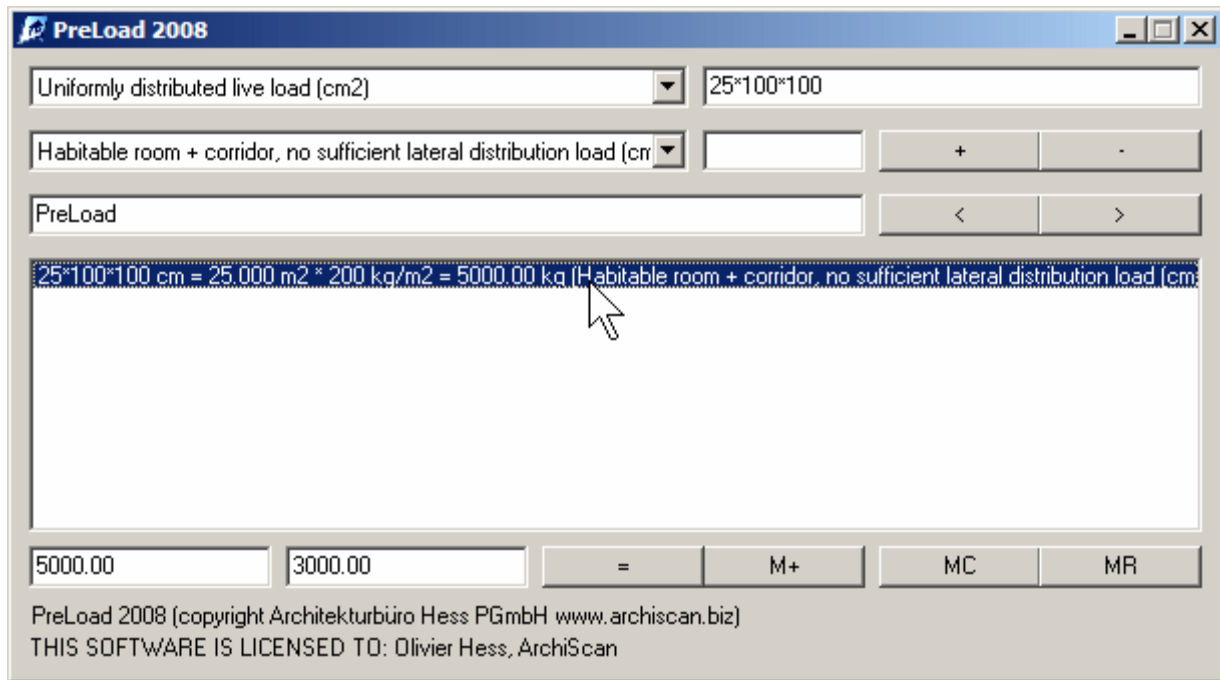
Get to know more about PreDim



24th Argument: Load calculation

PreLoad is a sophisticated load calculation for dead load, wind load, snow load with automatic calculation of the load under influence of fire. Hence PreDim consists of 2 programs which cooperate with each other.

Not convinced yet?
Get to know more about PreDim



25th Argument: Project "Virtual construction"

Topical: Project "Virtual construction" WTCB / BBRI (Belgian building research institute)
 ArchiScan (PreDim) cooperates with the WTCB / BBRI-project "Virtual construction" (ViBo). PreDim is being demonstrated within this project.

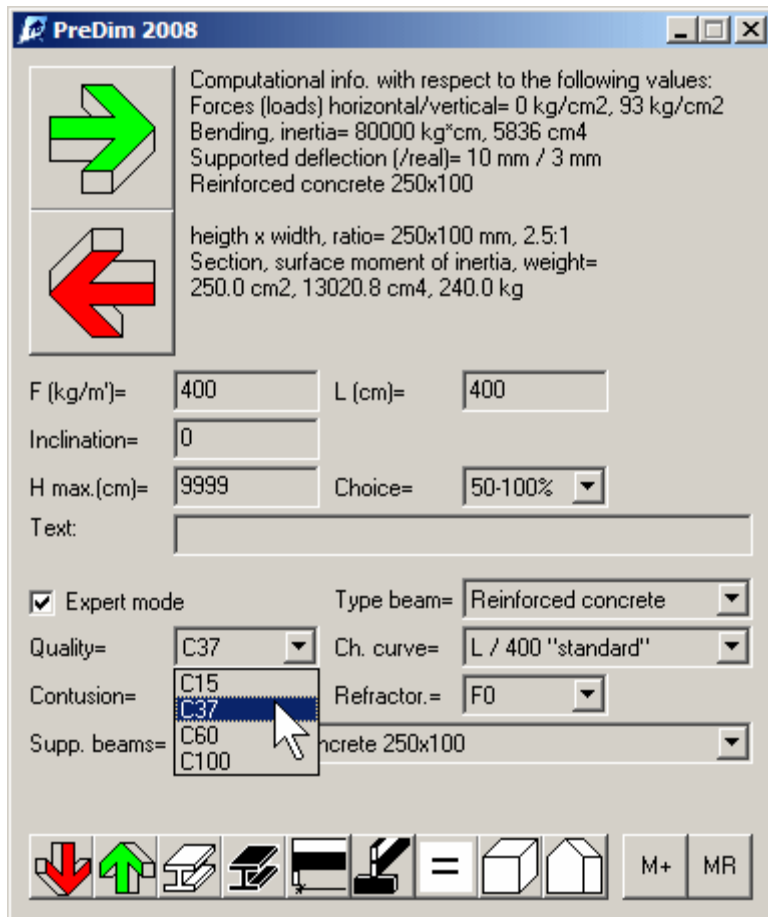
Not convinced yet?
 Get to know more about PreDim



26th Argument: Input static material quality

By input of the static material quality PreDim considers the different material characteristics of steel (S235, S275, S355, S420), wood (S7, S10, S13, S17) and reinforced concrete (C15, C37, C60, C100).

Not convinced yet?
 Get to know more about PreDim



(c) ArchiScan www.archiscan.biz www.archiscan.com www.archiscan.net www.predim.eu
www.videogrammetry.eu www.internetfarmer.eu www.infotop.org

ARCHITEKTURBÜRO HESS **PGmbH**
BUREAU D' ARCHITECTURE **sprl**

Imprint: Norbert Hess, Architecture Office Hess, Weckerath 26, B-4760 Büllingen - Tel.:+3280548475 -
 E-Mail - V.A.T. BE 0444.804.881